PERIODICAL

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WALLACES' FARMER AND Iowa Homestead

Good Farming *Clear Thinking* *Right Living*

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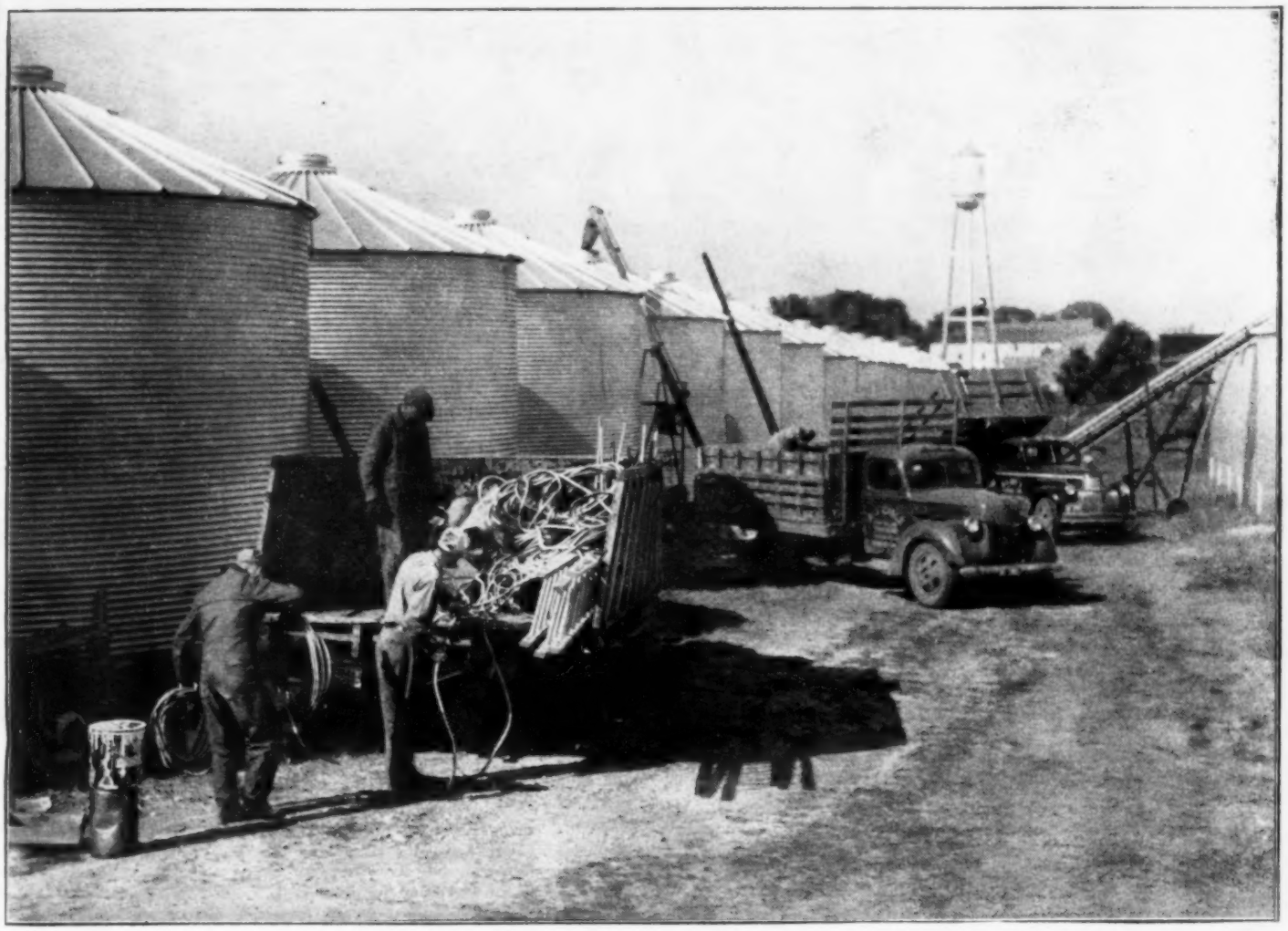
OCT 7 1949
DETROIT

Old Bins Filled Again



Government Bins for corn filled up fast in September. Farmers delivered both sealed and purchase agreement corn as fast as it could be taken. Here, two trucks are unloading at Colo, Story county, Iowa, while a construction crew is getting more bins ready.

Make Room For Your Corn . Page 5

How Far To A Hospital? . . . Page 8

Sell Or Store Soybeans? . . . Page 12

ONCE before, farmers had more corn than they knew what to do with. Bins shown in the picture were set up about 1940, and filled with corn which farmers turned over to the government in payment of sealed corn notes.

Since 1940, we have had severe corn and feed shortages. But now the biggest corn surplus on record is filling the nine-year-old bins again.

Farmers are having some trouble to find enough room for their corn. Turn to page 16 for some information about how they are meeting their corn delivery problem.

OCTOBER 1, 1949

IOWA'S LEADING FARM NEWSPAPER

Here's WHY
Firestone
CHAMPIONS
GO THROUGH WHERE OTHERS HANG UP
Firestone
CHAMPION GROUND GRIP
THE 3 RULES FOR MAXIMUM TRACTION
1. USE FIRESTONE CHAMPIONS
2. USE FIRESTONE HYDRO-FLATION
3. USE ONLY 12 LBS. PRESSURE
LET'S talk facts . . . Here is a tire that has extra bar height, extra bar length, and a curved bar design that outcleans, outpulls and outlasts any other tire. NO OTHER TIRE has all these advantages.
The massive bars of the Firestone Champion take a bigger bite and a better hold — and THAT'S NOT ALL. Because they're curved for self-cleaning, these bars keep right on pulling long after ordinary tires clog and spin in their own tracks.
And here's another point — Every inch of tread-bar length does its share of the pulling because the low-pressure design of this tire puts ALL of the tread in FULL ground contact for a FULL TRACTION BITE. Because it's patented, the Firestone Champion gives you advantages which no other tire has. So . . . when it's time for a new tractor or for new tires, remember to use Firestone!
Listen to the Voice of Firestone every Monday evening over NBC and Americana over NBC Network Television Stations
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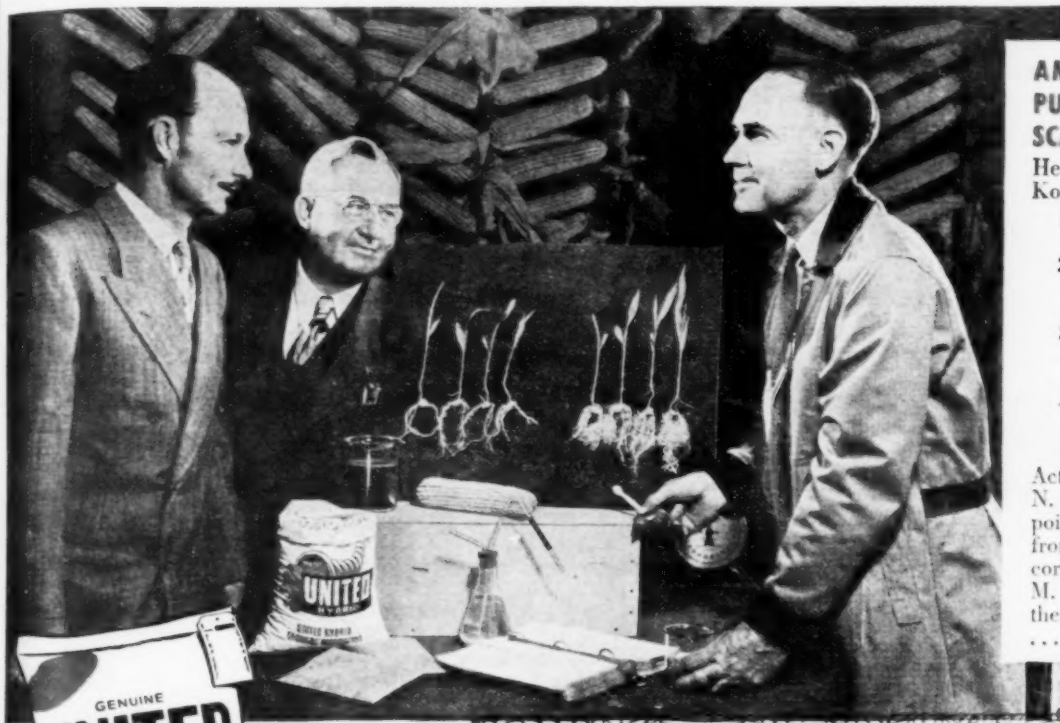

AMAZING "KERNEL KOATING" PUTS MORE CORN ACROSS THE SCALES FROM YOUR *WHOLE FARM*

Here's what United's *exclusive* "Kernel Koating" means to you:

1. Protects seed *before* planting against air-borne infection!
2. Protects seed *after* planting from soil-borne organisms, fungi, cold!
3. *Root booster* ingredient shoots roots out quick for food, moisture!
4. *Seedling-starter* gets corn going fast . . . You cultivate 3 *days earlier!*

Actual proof is shown at left. Dr. Stuart N. Smith, United's research director, points out difference between seedlings from untreated and "Kernel Koated" corn to *Hybridists* Joe Dresch and M. D. McGuire. Plant UNITED. See the difference in your fields next spring . . . in your crib next fall!

How to Get up to 100 EXTRA BUSHELS *FREE* From Every Bushel of Hybrid Seed You Plant

ISOLATED PARENT STOCK means *pure* hybrids. United Hybrids originate in secluded fields, safe from danger of contamination from other corn. *Hybridist* M. A. Harper, United Manager Paul N. Smith and Breeder Maurice McNeilly inspect an isolated field of United.

THE MAGIC INGREDIENT in *all* United Hybrids is secret "Kernel Koating"! Only United has "Kernel Koating". Only United can promise up to 15 extra bushels per acre from this *one* exclusive feature *alone!*

Because "Kernel Koating" protects seed, boosts early growth — more of the seed you plant comes up. This means "Kernel Koated" United *goes further*. More yield from less seed.

But that's not all! United is "bonus bred". It's the blue-blood stock from all the growers who pooled their interests to form the great United Hybrid Growers Association. It's the result of leading research men from all these producers working together to perfect these outstanding strains into one un-matched hybrid . . . UNITED!

United Hybrids are available to you now! The great hybrid that gives you everything you want in a corn for every field on your farm . . . top yield, sturdy roots, strong stalks, drought resistance, clean picking, safe maturity . . . *plus the revolutionary new magic seed treatment: "Kernel Koating"!*

Plan now to plant United next spring. See your local United representative today. Reserve your share of the corn that gives you up to 100 extra bushels yield from every bag . . . UNITED!

WHAT IS A *HYBRIDIST?**

He is a specialist. He knows hybrid corn in all its phases. His free services are available only through United.

**"Hybridist" is the copyrighted name which identifies the trained experts of the United Hybrid Growers Assn.*

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UNITED HYBRID

UNITED HYBRID GROWERS ASSOCIATION
Central Sales Office: Omaha 7, Neb.

YOU PICK WHAT YOU PLANT WITH UNITED . . . HOLDS EARS, PICKS CLEAN, MATURES RIGHT

1 **EARS STAY ON,** dry out fast. Husks open up after denting. Albert De Jung inspects a typical United ear on his Edgar, Neb., farm as *Hybridist* Jim Johnson tells him about this important United feature.

2 **UNITED PICKS CLEAN.** Here *Hybridist* Walt Martens (kneeling) points out to Glen A. Derscheid, Eagle Grove, Ia., how United Hybrids grow ears at right height for easy machine picking.

3 **MATURES RIGHT!** United is "farm-tested" to beat frost. Dents quick, dries fast. *Hybridist* Frank Livingston and farmer Richard Anacker, Comfrey, Minn., listen to the characteristic rattle as this mature United pours out.

THIS TRIPLE GUARANTEE is a Sensation!

Get This 3-Way Protection By Ordering Now In The

POOL CAR OIL SALE

Ends NOV. 15th

Never before has a guarantee like it been offered by any oil company. And, this sensational guarantee is available only during the sale, so order before Nov. 15 to qualify. See your D-X Farm Serviceman, or call the D-X Bulk Station nearest you for prices and terms.

ORDER NOW — NO MONEY DOWN

Pay on delivery. Pay a lower price based on quantity discounts. Pay a price that is *guaranteed* to be equal to or lower than today's price. And if you're not satisfied that the products you receive are the best you have ever used, you get your money back. You can't match this offer anywhere!

D-X MOTOR OIL with EXTRINOL

Now, D-X Motor Oil contains the "extra" of Extrinol to help it clean motors, protect bearings and fight sludge. Now, D-X is a tougher, safer, more economical motor oil for you to use.

NOW AT SALE PRICES

D-X MOTOR OIL with EXTRINOL • D-X HEAVY DUTY & DIESEL MOTOR OILS • DIAMOND MOTOR OILS • D-X MARINE OIL • D-X & DIAMOND & FAULTLESS GREASES

Also we offer a number of our:

DIAMOND & MID-CONTINENT SPECIALTIES

— including Outboard Motor Gear Grease, Separator, Penetrating and Flushing Oil.

— plus special reduced prices on present stock of Rust Proof Compound, Insecticide and Stock Spray.

49-6

FARM D-X SERVICE

MID-CONTINENT PETROLEUM CORPORATION
TULSA, OKLA.

Waterloo, Ia. Terre Haute, Ind. Omaha, Nebr. Chicago, Ill. Minneapolis, Minn.

Rural schools are disappearing in many parts of Iowa. Being torn down here is Highland Township No. 4, Tama county. Of the nine schools originally in the township, only one still is used as a school; another has been left standing to serve as a voting place.

INSIDE STUFF

FARMERS are talking about corn allotments again. "Will there be allotments in 1950? And how much will I get?"

▲ ▲

IT REMINDS ME of 1934. Last week, I heard one man say: "That fellow across the road got 20 acres more corn allotment than I did. Same size farm, but he'd been graining the place to death."

▲ ▲

UNLESS ALLOTMENTS are based on soil management plans for each farm, a lot of injustice can result.

▲ ▲

THE REPUBLICAN "grass-roots" farm meeting at Ames last month brought out a lot of good discussion. Harry Linn, Iowa's secretary of agriculture, was an impartial chairman.

▲ ▲

MOST of the farmers there seemed to approve flexible supports. They wanted to be sure the minimum level wasn't so high as to irritate consumers, make enforcement difficult and break down the program.

▲ ▲

BUT SOME SPOKE up for 90 per cent and 100 per cent of parity. And one farmer apparently didn't like some of the talk about "going back to self-reliance."

▲ ▲

"I WAS ON self-reliance in 1921," he said, "and I was on self-reliance in 1930. I don't want any more self-reliance."

▲ ▲

THIS MAN looked plenty self-reliant to me. But what he probably meant was that three million farmers, each trying to run his own show, couldn't possibly compete with big corporations and big labor unions.

▲ ▲

A YOUNG veteran from Story county got up to ask why congress didn't approve production payments on hogs this fall. He didn't get an answer that satisfied him.

▲ ▲

ANOTHER FARMER admitted he was worried about the big national debt and high taxes. But he added: "I'll worry less about high taxes if I'm sure of 90 per cent of parity to help me pay them."

▲ ▲

DID YOU stand in line for a grandstand seat at the Iowa fair? Estel D. Combs, of Montgomery county, Iowa, says you didn't need to.

▲ ▲

"I ORDERED my grandstand tickets by mail 10 days before the fair, and had them in plenty of time," Mr. Combs writes. "I know of others who did the same."

▲ ▲

MORE WILL do it next year. Particularly if the fair board makes it clear in advance what prices are, where to write, how soon to write, etc.

▲ ▲

IS YOUR MAILBOX in front of your house? Randy Currens, of Tama county, Iowa, says I'd be surprised if I drove down a rural route and counted every box that was from 100 yards to two miles away from the house.

▲ ▲

CURRENS THINKS a lot of mail routes should be changed. He's probably right. But, no matter how you plan a route, somebody is bound to be left out.

DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

(Volume 74—Number 19)

DANTE M. PIERCE, Publisher

Published first and third Saturdays of each month, at 1912 Grand Ave., Des Moines, Iowa. Subscription price, postpaid, $1 for one year. Canada and foreign countries, $1.75 for one year. Editors: Donald R. Murphy, Homer Hush, Merrill C. Gregory, Wallace D. Inman, Leon E. Thompson, Cyril E. Moffitt, Wendell S. Ciampitt, Zoe R. Murphy, Home Department; Earl F. Wisdom, Legal Editor.

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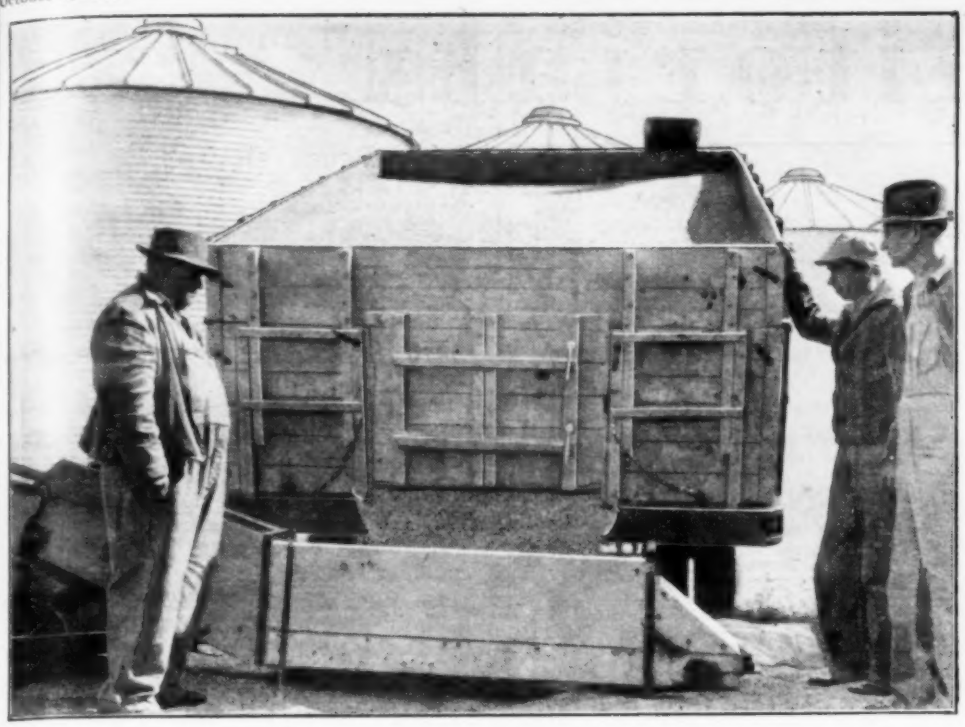


Good Cribs made it possible for the owner of this corn to get the full loan price. Corn is being delivered to AAA bins from the Howard Handsaker farm, in Story county, Iowa. Bins are at Colo. In the picture are, left to right: J. D. Mulcahy, township AAA chairman; Harold Hall, driver of truck, and Orville Weir, owner of the line of trucks.

To Make Room For Corn

Use Sheller, Ready-Built Units Or Semi-Permanent Cribs

WILL October find you short of corn cribs for your new crop? If so, there are quick methods of providing safe storage.

The kind of crib you need, of course, will depend on how you farm. The man who markets corn as grain will need one kind of storage. His corn must meet the grader's specifications.

The feeder can get along with some cribs of another type. He must have good cribs for the corn he feeds next summer. But a little moisture will not hurt the corn he feeds this winter.

BIG DOCK ON WET CORN

It means money in your pocket to keep corn dry, whether you sell or seal. Wet corn gets a big dock in price. And corn that is too wet can't be sealed at all.

Some corn raisers got 20 cents below market price for wet corn last winter. That meant they got about 40 cents below the loan price.

Ineligibility to seal may cost farmers more this year than it cost last year. December futures point to winter corn markets 30 cents or more below loan prices.

Water in corn costs you money. Stored corn should be supplied with roofs, floors and access to the air.

BUT CRIBS ARE FULL

One way to make room for corn quickly is to shell old corn on the place and put it in bins. Shelled corn takes just half the space required for ear corn.

You can make room for more corn by shelling some new corn, too, then refilling the cribs. But shell only the new corn you will feed this winter.

If you have empty bins, the only cost of storing shelled instead of ear corn will be the shelling.

If you have to buy, you will find that wood or steel bins are as cheap per bushel of capacity as ear corn cribs. And extra bins are handy on a farm.

If you have old corn that is sealed and not delivered, or if you have purchase agreement corn, you can get paid for storage. The resealing fee is 10 cents a bushel, payable when you deliver the corn.

IF YOU WANT TO SEAL

If you decide to build cribs for your new corn, sealing requirements are about the same as for last year.

The floor should be 8 to 12 inches off the ground. And you'll need a roof that does not rest on the corn. AAA authorities want ventilation over the corn.

Crib width limits depend on the moisture content of the corn. At the maximum moisture content of 20.5 per cent, crib widths must be as shown on the map. The width varies from northeast to southwest.

Round-crib widths are figured by taking two-thirds of the diameter. Thus, a round crib 16 feet in diameter, filled with 20.5 per cent moisture corn, would not be eligible to seal in any part of Iowa because the width figures over 10 feet.

But round cribs with roofs and floors might be eligible to seal if horizontal ventilators are placed in the crib so that all of the corn is within four feet of the air.

GET 'EM QUICK

It is too late to build big permanent cribs for this year's corn crop. But that doesn't mean you have to take less than a dollar for your corn. Cribs can be bought or built in short order.

Probably the quickest way to get corn storage is to buy a bin or crib already built. There are many types that can be set up on your farm ready for use.

You can usually choose between wood and steel buildings. Buy the one that will do you the most good in the 10 or 20 years ahead.

TO BUILD CRIBS

The easiest crib to build is the round one. Slat cribbing can be two or three rings high. With a horizontal ventilator for each ring and a roof that will not blow off, the round crib will keep the corn.

Cost of floors in these cribs can sometimes be cheapened by using old railroad ties to support the board floor. Railroads often will let farmers pick up old ties.

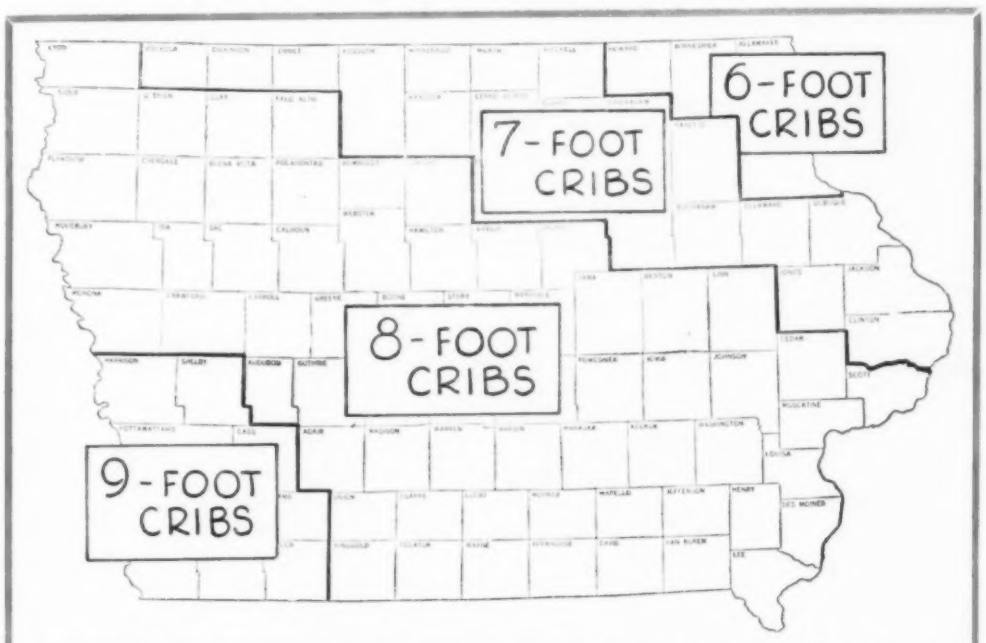
Temporary or semi-permanent rectangular cribs are easily and quickly built. Poles not more than four feet apart will hold sides of wire cribbing or snow-fence.

Remember the three requirements: (1) A floor off the ground, (2) a roof off the corn, and (3) outside air within four feet of all of the corn.

CRIBS PAY OFF

The only man who can afford to put corn in outside pens without roofs or floors is the feeder. And even he can afford to leave outside only the corn he will feed before March.

The big docks on wet and damaged corn, and the inability to seal corn in poor cribs, have made good corn storage a paying proposition.



Crib Widths for sealing 20.5 per cent moisture corn in December are shown above for various sections of Iowa. More width is allowed if corn is drier. For each foot or fraction of foot in additional width the corn must be one per cent drier.

Editorials

Will Hog Price Drop More Than 18 Pct.?

IF HOG prices usually drop 18 per cent from the peak in August to the low point in December, how much do you think they will drop this year?

Unemployment went down last month. The total was a million less than folks in midsummer were guessing it would be. And income payments to city workers are staying high.

More important, consumers are spending a bigger share of their incomes for meat than they were last winter.

Cattle and hogs are going to hit the usual seasonal decline, but consumer buying power is stronger than most folks expected. And that can make a difference.

September Hogs Helped Winter Price

FARMERS who looked ahead, planned for early winter pigs, and rushed those pigs thru to the early September market were well paid for their extra work.

They not only helped themselves, but they helped the later hog market. The more light hogs that were sold in September, the fewer heavy hogs will depress the December market.

Your Teacher?

Not unless you live in Hamilton county, Iowa. Ina Peterson, farm girl, is teaching in that county for the third year. Over the state, farm girls make up a big percentage of the folks who teach farm youngsters.

British Pound Now $2.80, And Not $4.03

NOW that Great Britain has devalued the pound, what does it mean to farmers? Think back to April, 1933, when the New Deal devalued the dollar. What happened?

First result was to increase exports from the United States. Second result was to send up prices inside the country.

Since devaluation of the pound, an American dollar will buy more British goods. That will stimulate British exports.

At the same time, our tariffs, under the trade agreement act, may be trimmed in places so that we can import more British goods.

From the British standpoint, devaluation will help exports, but will raise living costs inside that country.

From the standpoint of the United States, devaluation of the pound will stimulate international trade and help keep Great Britain solvent.

Our farmers may sell a little more lard and meat abroad than they would have otherwise.

Because a dollar will now buy more cotton in Egypt, vegetable oils in the South Pacific and wool in Australia, prices of cotton, cottonseed oil, wool and soybeans in the United States may be hurt some. But, in total, the effect on American agriculture will be small.

Know What You Want?

Farmers Argue On What Is To Go Into New Farm Bill

WHAT do farmers want out of farm legislation? That's easy. Stable, fairly high income, with as little regulation as possible.

How do they get it? That's hard.

Several ideas keep popping up as farmers talk things over:

1. Consumers and tax-payers won't stand for government aid to farmers beyond a certain point, especially if that aid involves waste of food and high cost of food.

Here are some farmer comments:

"If you ask for too blamed much, you'll get nothing."

"Farm program must be one the public is willing to help pay for."

2. Cut down support price if supplies are large; raise if supplies are short.

"Our crops are flexible. The weatherman takes care of that. So supports should be flexible, too."

"IF WE want to be sure of about the same income each year, the support price will have to go down when we get a bumper crop and rise when the crop is short."

3. On the other hand, some farmers want supports kept at 90 per cent of parity.

"I dont see wages or other prices coming down much. Anyway, if parity is what we ought to have, why is 90 per cent of it too much?"

4. Regimentation worries farmers less than low prices.

"Any plan we pick, there will be some regimentation. Let's pick one where the farmer will get enough out of it to pay for being regimented."

5. Farmer who gets government help should meet definite soil conservation standards.

"If we really build up soil, tax-payers can see some sense in farm laws. Otherwise, they'll kick."

These ideas, as you will notice, don't match. There are disagreements.

The cheering thing shown by these discussions is that most farmers still have open minds.

FOUR big questions on which the answers have not yet been made clear are these:

1. What level of supports should farmers try to get thru legislation?

2. How should these supports be backed up? Thru production payments, direct purchases (as with potatoes and eggs), or how?

3. What is the best way of shifting production from things we need less of (like wheat and cotton) to things we need more of (like meat and milk)?

4. Once we get more meat and milk, how do we make sure that they get into stomachs of consumers, aren't wasted, and don't—thru unmanageable surpluses—hurt farm income?

Farmers need to work hard on these questions. And they must refuse to get into fights among themselves.

"Guard Your Enemy From Oppression"

TOM PAINE, Revolutionary patriot, said: "He who would make his own liberty secure must guard even his enemy from oppression; for if he violates this duty, he establishes a precedent that will reach to himself."

Wiley Rutledge, justice of the supreme court, agreed with Tom Paine. Rutledge came from Iowa. He was formerly dean of the law school at the University of Iowa.

When the lawyer who was defending General Yamashita appealed to the supreme court to see that his client got a fair trial, the majority of the court declined to look into the case. Rutledge disagreed. He believed there should be no exception to the constitution's guarantee of a fair trial. He wrote:

"That door is dangerous to open. I will have no part in opening it. For once it is ajar, even for enemy belligerents, it can be pushed back wider for others, perhaps ultimately for all."

That view was characteristic of Justice Rutledge, who died last month at 55. With Murphy, Black and Douglas, he made up the liberal bloc on the court. He was always on the side of free speech and free thought and against any attempt to penalize people for their ideas. And he wanted even an enemy soldier to have a fair trial.

Rutledge will be missed. Murphy is dead. The liberal bloc on the court has shrunk to Black and Douglas. And the need was never greater for men who believe enough in free speech to protect those who say what the majority hates to hear.

We Guessed Wrong On China, Japan

AFTER every war, there comes a time when we find out what really happened when the fight was going on. The recent reports of our men in China show that Chiang-Kai-Shek was a bad bet even from the first.

More disturbing are reports that our submarine blockade of Japan would have won the war for us without some of the naval and land battles that cost us so much.

One intelligence report, which was disregarded, predicted in the spring of 1945 that Japan would give up by fall—without Okinawa, or without the atomic bomb.

It makes a fellow wonder if we are guessing wrong today on some foreign policies. Backing a corrupt dictator like Chiang-Kai-Shek didn't help us any in the long run. Are we backing the same kind of folks in some European countries now?

It's Monthly Average That Counts Now

WHAT will hog support prices be from now on? Look for them to be announced about the time this issue of Wallaces' Farmer and Iowa Homestead reaches its readers.

Roughly, the expectation is that the support price will drop about 40 cents a week during October and November.

Farmers should note that the government pledges itself, not to maintain a definite price at particular markets, but to handle supplies so that the average price to all farmers for the month will be 90 per cent of parity.

It would be possible, therefore, for hogs in one week at a particular market to drop to 80 per cent of parity or less. But buying by the government will be handled so as to attempt to keep the average price for the month up to 90 per cent of parity.

When To Start Picking Corn

A warm summer and light frosts have made early corn picking a possibility. Early picking has definite advantages. There are also dangers in piling corn up early. Let's look at them separately.

Advantage—More Corn

Early picking puts more corn per acre in the crib. As soon as corn gets ripe, the ears begin to fall and the stalks begin to bend over.

Hybrid corn got us away from lodged corn for a while. But the corn borer has brought the corn picker's trouble back again.

Many stalks that are still standing have been tunneled enough to weaken them. Some ear shanks have been weakened by the late brood of borers.

A bad storm will put a lot of ears and stalks on the ground where the corn picker can't get them.

The early picker gets the most corn.

Danger—Spoiled Corn

High moisture corn will sour and mold in the crib. Just as well let part of the corn spoil on the ground as to let all of it spoil in the crib.

Safe moisture content depends on: (1) Width of crib, (2) how warm the weather is, and (3) how clean the corn is husked.

Warm days in October might give corn a sour smell in 8 to 10-foot cribs if the corn had 20 to 22 per cent moisture.

With 6 or 7-foot cribs exposed to the winds, corn at 20 to 22 per cent moisture might dry out safely in October.

If in doubt, watch the moisture test, and keep shucks, silks and shelled corn out of the crib.

Odds *and* Ends

HAVE you shelled and resealed your loan corn? In many counties, there isn't enough government storage space to accept delivery of all the loan corn now.

MOST farmers want to empty cribs of loan corn so they can put the new crop in. Surest way is to shell and reseal on your own farm.

IOWA folks get 58 per cent of their cases of undulant fever from hogs. Wisconsin gets over 90 per cent of its cases from cows.

IF YOU are paid less than support prices for your hogs, remember why: Congress refused to provide production payments.

FEED crops were good all over the country, except New England and parts of Montana, North Dakota and South Dakota.

IF YOU have fall pigs, push them along fast. Support prices at 90 per cent of parity are promised thru March 31, 1950. After that, nobody knows what will happen.

IF IT hadn't been for government purchases of eggs, the egg price would begin to crack soon. But look for trouble when big pullet crop starts laying in December.

BUSINESS is picking up. But a coal strike or steel strike could upset things again.

HOW many farmers are planning to seal their own corn and buying "free corn" to feed at 30 or 40 cents less?

PERSONAL incomes—which determine food buying—look good for a while. Consumers still want meat, milk, eggs, and will get them as long as they can find the money.

STEEL workers want pension from company of $70 a month, added to Social Security pension of $30 a month. Farmers, outside the Social Security program, don't even get the $30.

GREAT Britain is trading electrical equipment and other manufactures for a million tons of Russian grain.

IF YOU call "Sook! Sook!" to your cows, there's some Scotch-Irish in your background. That's what is claimed by folks who are studying speech habits.

NEW ENGLANDERS are more apt to say "Co-Boss " Out here in the corn belt, you hear all kinds of cow-calling. That includes: "You such-and-such, get your foot out of the bucket!"

Song of the Lazy Farmer

ABOUT this time 'most ev'ry fall my poor old neighbor starts to bawl about the kind of year we've had, somehow he always thinks it's bad. His speech would make an amateur believe our crops had failed for sure; it makes no diff'rence how much rain has fallen on our fields of grain, you'll surely hear my neighbor cry, it's either been too wet or dry; and if we had the right amount, he screams it came too late to count. If he can not find any fact about the weather to attack, then he discusses his great fear that we've been ruined by bugs this year.

The funny thing about the guy is that, however loud his cry, his crops are always twice as good as others in the neighborhood. He's got so much machinery his work gets done when it should be; his terraces and contoured rows save water for the stuff he grows, he fertilizes ev'ry crop and uses chemicals to stop the weeds and insects in his fields so they don't cut down on his yields. Then why does he complain and groan? I think that if the truth were known he secretly would like to be a poor but rested man like me.

It's Not Lucky to have a heart attack—it may cost your life. But Michael Nola, of Greene county, Iowa, was lucky to have a good hospital within reasonable distance. He might have had to travel a hundred miles for hospitalization and care.

How Far To A Doctor

If You Have An Emergency?

CHUCK, the eight-year-old son of a Carroll county, Iowa, farmer, developed alarming symptoms during the recent polio epidemic. The doctor in the nearest town couldn't make house calls, so the parents took Chuck 60 miles to Des Moines for care and hospitalization.

Chuck is getting along fine. But what would his parents have done if the roads had been impassable or if the child could not have been moved?

This type of emergency isn't uncommon in Iowa. In fact, if you are over 50 years old, and live on an Iowa farm, the chances are that you have had some such emergency in your family.

Recently, the Wallace-Homestead Poll asked several hundred typical farm women if they had ever had an emergency in their families that required immediate care and attention.

Seventy per cent of the women over 50 said "Yes"; 55 per cent of middle-aged women had had some emergency. Even with younger women—under 30—38 per cent had already had to meet an emergency.

Folks in Iowa are pretty lucky when it comes to having a doctor within a reasonable distance. Of the women who had needed a doctor in a hurry, 77 per cent said they could get medical attention by going 10 miles or less.

It wasn't quite so good for the 21 per cent who had to go from 10 to 25 miles to a doctor, and it was not good at all for the 2 per cent who had to go anywhere from 25 to 80 miles.

The folks that were lucky were those who could get fixed up in the doctor's office, or who had a doctor who could or would make house calls.

That might take care of Junior's broken arm or the cinder in Sister's eye. But not an emergency operation or a bad case of pneumonia. These need hospitalization.

So we asked those who had had emergencies how far they had to go to get to a hospital. These distances were longer, and ranged from one to a hundred miles.

Perhaps some of the women who lived far from a hospital had to do as the woman from Clay county, who said: "We dropped the head of the sewing machine and used that for an operating table for the little fellow. We couldn't go a hundred miles to a hospital."

Or the young wife in Audubon county, who had taken her husband on a 40-mile dash to the nearest hospital, on a dark, stormy night. "It was a harrowing experience," she reported.

But these were experiences of the past. What is the situation today? Is it easier to get to a doctor or a hospital? Roads are better, but many still have to go a long way to get medical care and attention.

The Wallace-Homestead Poll found that 73 per cent of the folks living on farms can get a doctor by driving 10 miles or less. Another 25 per cent have to go up to 25 miles, but only 1 per cent have to go from 25 to 50 miles.

Many times the doctor is within this range, but he is old or overworked. A woman in a southern Iowa county said: "Our doctor is old and simply can not carry the load."

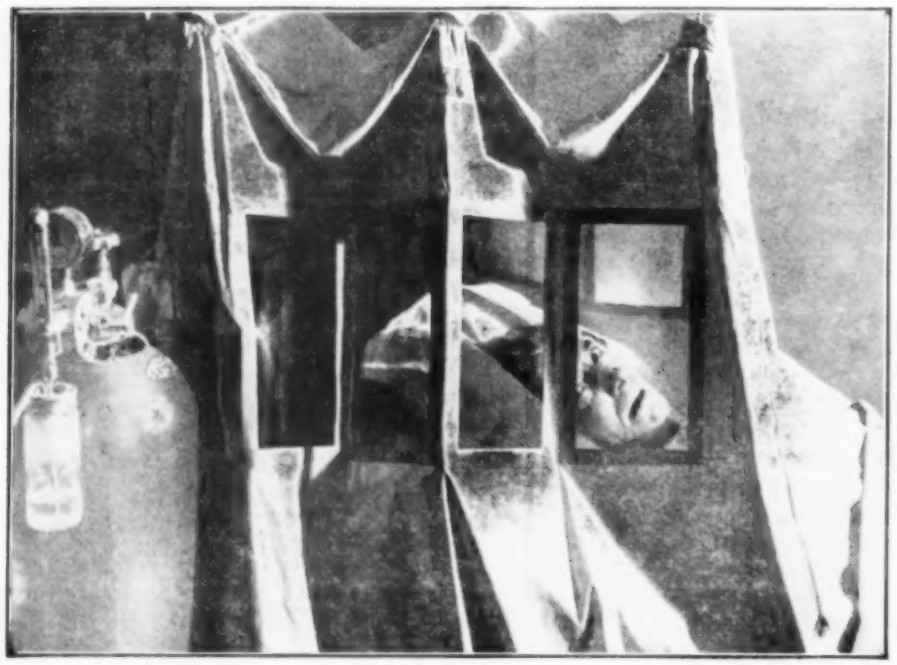
A Guthrie county woman said: "Our boy had a bad eye infection. Our nearest doctor, six miles away, was out of town. The next one, seven miles farther, was sick and not able to practice. The town beyond that has no doctor, so we drove 15 miles farther to our county-seat town."

Another woman in Guthrie county said: "We just can't be sick. It's too hard to get to a doctor."

The problem of getting hospitalization hasn't been solved, either, we found. Farm people still have to go long distances even for emergencies.

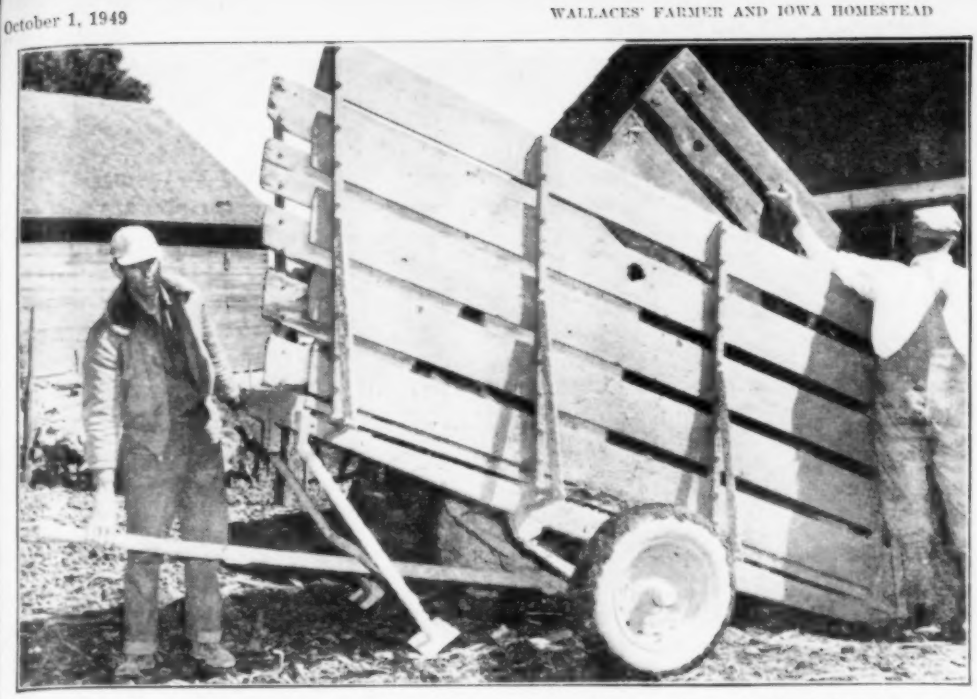
Thirty-nine per cent can get to a hospital by driving under 10 miles; 37 per cent must drive up to 25 miles, and 24 per cent have to go anywhere from 25 miles up to 70 before they can get to a hospital.

So Chuck's parents were doing no more than hundreds of other farm parents must do when they drove a sick child 60 miles to get medical care and hospitalization.



An Appendix operation often calls for immediate action. Will Minary, who lives in Guthrie county, Iowa, is one of many farmers who have had to be taken to a hospital in a hurry for the operation in order to save their lives.

Babies coming may not be considered as emergencies. Nevertheless, it's fine to have a hospital nearby, says Mrs. E. H. Jones, of Boone county, Iowa.



Loading Chute is vital piece of livestock handling equipment. Here, Trucker Gerrit Mulder lets down the front end support for his portable loading chute. Scene is the farm of Marion Schalekamp, of Sioux county, Iowa. Minutes later, twenty-three 200-lb. hogs were on the truck headed for the market.

Bedding of sand or sand and straw should cover the truck or car bed before the livestock is loaded. Mulder distributes the bedding before loading Schalekamp's hogs. The sides of the truck should be checked for any protruding bolts, nails and splinters. Tie bulls or horned cattle inside the truck.

Why Waste Good Meat?

WASTING good meat doesn't make sense. Especially when the waste is paid out of the checks you get for your hogs.

As a producer, you pay premiums and freight rates from which claims are paid. Livestock buyers know they will have certain average losses thru bruises. They can't see thru a hog's skin. So they allow so much in anticipation of the bruises.

Not all bruising is done at the farm. A lot of it is picked up in transit. But Harry J. Boyt, Sioux City livestock commissioner, says: "Many bruises occur on animals because of poor handling and loading facilities on the farm."

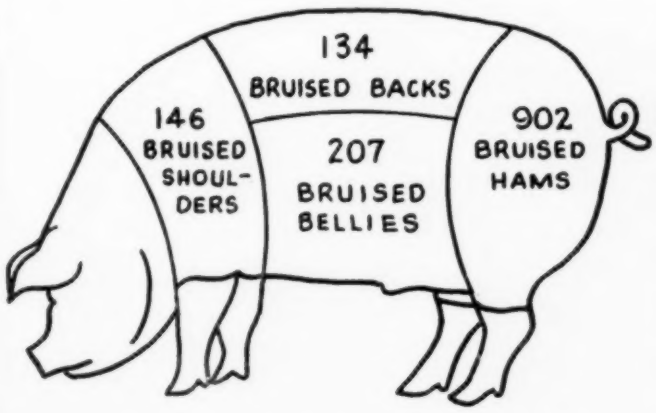
You can cut down on the bruises livestock pick up on the farm. When you send your hogs to market, you should have the right livestock handling equipment to use in loading.

But remember: The human element is most important. Even with the best loading chutes and alleys, livestock will get bruised if you crowd them and jam them. So load slowly and carefully. It's easier on the stock. And it's easier on you.

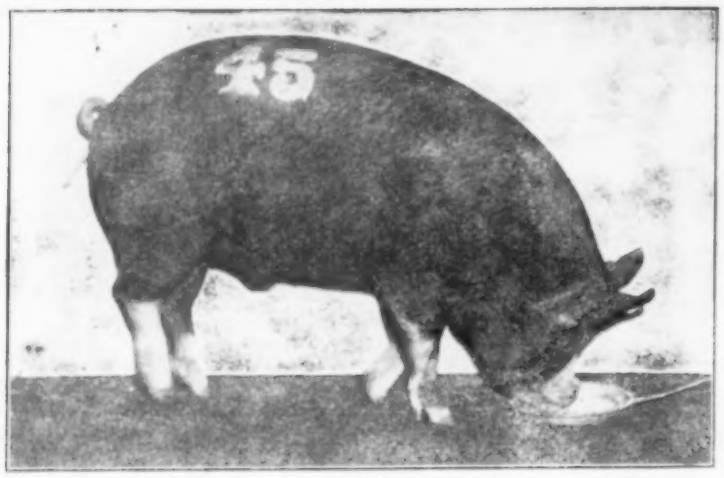
Use an electric prod or canvas slapper to make hogs move. A hammer, club or pitchfork will bruise valuable meat. Here, Mulder stays behind to keep the hogs moving along the alley as Schalekamp starts toward loading chute to keep the hogs moving up and into truck.

Check hogs on the way to market, as Gerrit Mulder is doing here. This is especially important in very hot or extremely cold weather. For mixed loads, use partitions to keep the groups separated.

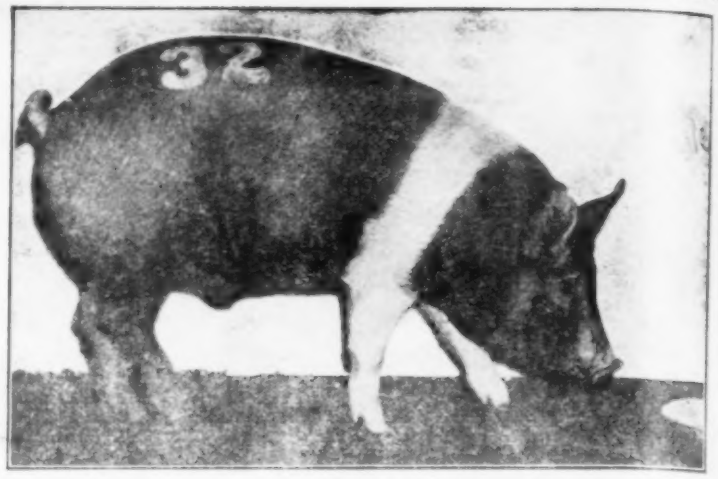
A Kick Can Spoil A Ham



Records were kept on bruises found on 5,708 hogs that came to the Sioux City market. Results given above show that there are more bruises on hams than on all other major parts of market hogs. Most injuries were surface bruises made by kicking the hogs or jabbing the animals with a club, pitchfork or endgate rod. Hams also are bruised when trucks are not flush with loading chutes and let hogs' legs slip thru.



Lean Meat made this hog the winner in the carcass contest at the National Barrow Show. Judges looked at the meat and fat cuts, paid no attention to the hog in the ring. They found he was worth $2.95 per cwt. more than the poorest of the 41 hogs entered. This 215-pound Berkshire was entered by the Michigan State College.



Second Place in carcass contest at the Barrow Show went to this 205-pound Hampshire shown by Compton & Doversberger, of Indiana. He had 49.3 per cent of his weight in meat cuts, compared with 49.7 per cent for first-place carcass contest barrow at the left. All of the winning carcass contest barrows had low fat percentage.

Judge Hogs By Meat Cuts

Best Barrow Carcass Worth $3 Per Cwt. More Than Poorest

By HOMER HUSH

LEAN meat cuts are worth more money than fat cuts in a hog. Everyone knows that. But how much difference could type and finish make in the value per cwt. of two 200-pound barrows?

The difference can be almost $3 per cwt. This was proved at the carcass contest at the National Barrow Show at Austin, Minn., in September.

Forty-one hogs qualified for the test. The hogs were entered by exhibitors at the Barrow Show. Naturally, they were the best barrows that these hog experts could select. Each exhibitor could enter only one hog.

Carcass contest hogs were slaughtered at the Hormel Packing Company plant during the show. Then the percentage of weight in the various cuts was determined.

The meat and lard were priced according to last year's average Chicago prices on the provision market. The winning hog was the one whose meat and lard brought the most money.

Carcass contest results are shown in the table at the lower left of this page. Figures show percentage of lean and fat in the top hog, the top five hogs and the bottom five hogs. Here are some surprising differences:

The top hog had 49.7 per cent of its weight in primal meat cuts, and 21.3 per cent in fat and miscellaneous. The bottom hog was 44 per cent lean meat and 23.6 per cent in the fat and miscellaneous classification.

This difference of almost 6 per cent in lean and fat had a lot to do with the $2.95 per cwt. difference in value on foot. Dressing percentage was another factor, however. The top hog dressed 71 per cent and the bottom hog 67.6 per cent.

The top five hogs in the contest, averaged together, had 48.6 per cent in the good meat cuts and the bottom five had only 44.3 per cent good meat.

The top five hogs had 22.2 per cent in the fat and miscellaneous and the bottom five was found to have 24.9 per cent in the cheap cuts.

Value of hogs per cwt. on foot averaged $22.88 for the top five hogs and $20.96 for the bottom five. The difference is $1.92.

After the carcass contest results were announced, some farmers at the Barrow Show were saying: "Well, if there is that much difference in the best herds, how much would there be in average farm herds, where general quality is not so high?"

Everyone agreed that there was a vast difference in the amount of meat which two similar-looking hogs would produce. And that breeding and feeding still have a long way to go to produce the best meat hog.

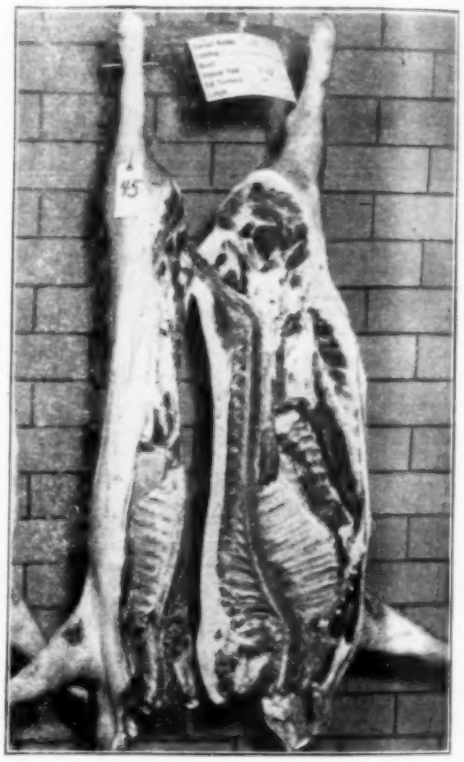
A Berkshire shown by Michigan State College won first in the carcass contest. Second place was taken by a Hampshire shown by Compton & Doversberger, of Christian county, Indiana. Third place went to a Berkshire, shown by Charles Veers, of Marathon county, Wisconsin. In fourth place was a Tamworth, shown by J. H. Jones, Washington county, Iowa. Fifth place was taken by a Poland shown by Louis Ruess & Son, Muscatine county, Iowa.

Of the top 20 hogs shown in the carcass contest, Berkshires and Hampshires each scored five times. Poland Chinas secured three places; Tamworths, Yorks and crossbreds got two each, and one Duroc got in the first 20.

Grand champion barrow of the show was a Duroc shown by Art Arens, Cedar county, Nebraska. Reserve grand champion was a Hampshire shown by Milton C. Mathew, Henry county, Missouri.

Only purebreds are eligible to compete in the individual barrow show. But a truck-load class was open to everyone. Each entry must include 15 head.

Grand champion truck-load was made up of 15 heavy Poland Chinas shown by the Oklahoma FFA chapter at Stillwater. Oscar W. Anderson, of La Salle county, Illinois, showed the reserve champion truck-load. They were light-weight Poland Chinas.



On The Hook this is how the winning carcass looked. Live hog is shown at left above. Good hams and shoulder cuts and loins, along with a low percentage of fat, are what made this carcass the winner.

COMPARE HOGS FOR FAT AND LEAN

Meat Cuts	Top Hog	First Five	Last Five
Ham, pct.	14.1	13.7	12.4
Picnic, pct.	7.2	6.9	6.1
Butt, pct.	6.3	5.5	4.8
Loin, pct.	11.3	10.9	9.4
Belly, pct.	10.8	11.5	11.6
Total meat cuts, pct.	49.7	48.6	44.3
Fat, pct.	10.4	11.7	15.2
Miscellaneous	10.9	10.5	9.7
Dressing percentage	71.0	70.9	69.3
Value, per cwt.	$23.41	$22.88	$20.96
Above poorest hog	2.95	2.02	0.10

Meat Cuts and fat cuts from good 200 to 230-pound barrows vary as shown above. Forty-one hogs qualified for a carcass contest at the National Barrow Show, at Austin, Minn. First prize hog was the one whose meat and fat brought the most money. Difference between first and last hog was $2.95 per cwt. on foot. First column is winning carcass, Second is average of the first five hogs. Third, average of last five.

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10' x 12'	9' 5" x 11' 7"	3	$13.45
12' x 14'	11' 8" x 13' 6"	4	$18.45
12' x 16'	11' 8" x 15' 6"	5	$21.25
20' x 20'	19' 8" x 19' 5"	6	$57.35*

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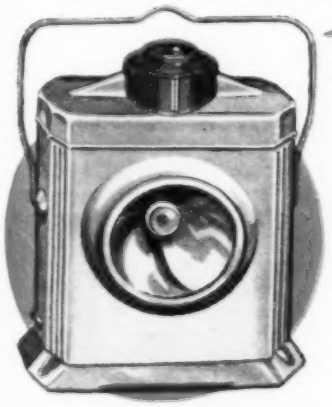

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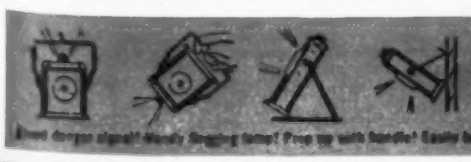

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On the official 1948 Iowa Corn Yield Test, Tomahawk Hybrids proved their superior yielding ability under actual growing conditions. For example, on the Southern testing plots, Tomahawk produced 31.02 bushels more per acre than the lowest yielding hybrid entry. Listed below are yield differences showing the superiority of Tomahawk in all sections of the 1948 Iowa Corn Yield Test.

Section of 1948 Iowa Corn Yield Test	Acre yield of TOMAHAWK above average of all entries
Northern	5.93 bushels
North Central	4.15 bushels
South Central	10.15 bushels
Southern	13.11 bushels

Yield differences shown above are computed from acre yields quoted in Bulletin P97, "Iowa Corn Yield Test—1948," issued by the Iowa Agricultural Experimental Station cooperating with a number of other state and federal agencies.

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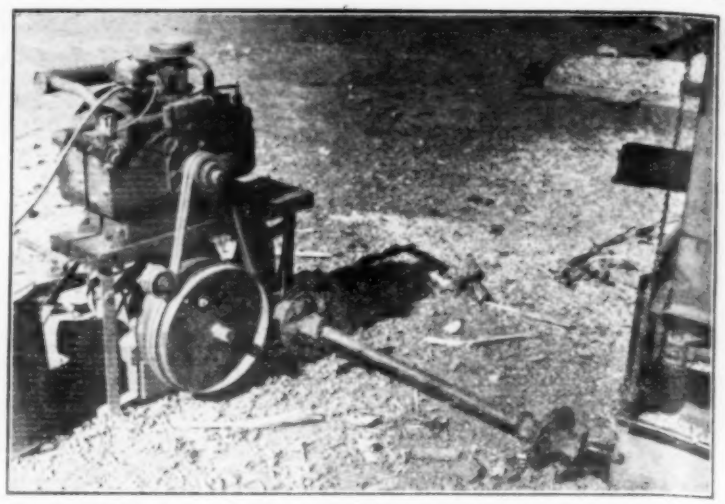

Gas Engine is a time-saver on grain handling jobs, according to John Norton, Tama county, Iowa. Four-horse engine is connected to a speed jack by dual V-belts, drives short tumbling-rod tied directly to the elevator. Rig is left hooked up the year around.

To Sell Or Store Soybeans

If You Store Your Crop, Get A Loan And Protect Yourself Against A Drop In Price

What's the outlook for soybean prices? In this article, Kent Pellett, of the Soybean Digest, summarizes the views of government officials and industry leaders.

WITH the combines rolling, Iowa farmers have to decide whether to sell their soybeans or store them under loan.

Until recently, it was thought that most farmers would sell direct from the combine. Much available storage will be filled with corn. And experience with soybean storage, outside the government program, was not too good for many last winter.

But if the market is "soft," and prices are below government supports at harvest, the obvious answer is to store and take advantage of the support program.

The problem is to find the storage space. Many elevators that stored large amounts of beans last year plan to fill their bins with corn. Transportation also may be tied up with boxcars filled with corn coming to market the same time as the soybeans.

Soybean prices usually rise when harvest is over. An Iowa processor says this is true for every year of the 14 he has been buying beans. Market observers are cautiously optimistic about the market following that trend this year.

Oil meal in livestock feed is still the largest outlet for soybeans. Processors are hopeful that the price of meal will hold up, with the large numbers of cattle, hogs and poultry on feed.

But you can't size up soybean price prospects without taking a close look at the world picture. Here you discover two main facts:

1. We have a surplus of fats and oils in this country. The U. S. Department of Commerce predicts production of fats and oils in this country may reach an all-time peak of 11.2 billion pounds in the 1949-50 crop year.

2. There is a very large market for U. S. soybeans in Europe. Processors there used to buy all their soybeans in Asia, but can no longer obtain them there.

The whole problem is the dollar shortage we have been hearing about. If Europe can find the dollars with which to buy our soybeans, then the soybean market will be good. If not, then soybean prices will be depressed.

At any rate, European processors are expected to be active buyers in our markets this fall. They may force processors in this country to bid up the price of soybeans.

Europeans were also hungry for our soybeans last fall and winter. If we had shipped more abroad, prices would have been better.

But soybeans were then under export control. Our government was still fighting inflation and worried about runaway prices. It choked off exports, and as a result soybeans and fats and oils took a beating.

Controls were taken off in February, and between January and June, 14 million bushels moved abroad. This was a lot of beans. But by that time the damage was done, and it took until midsummer for the markets to come back.

This year, everybody in the government knows the battle is to keep farm prices up, not hold them down. The government is depending on exports as a prop for farm prices.

The gamble seems to be on the side of taking advantage of the loan program if prices are below support level at combining time.

Support level is $2.11 per bushel for No. 2 green and yellow soybeans containing not more than 14 per cent moisture. Premiums and discounts will be the same as for the last several years.

Loans and purchases will be available thru January 31, or a month longer than for the 1948 crop. Loan maturity date has also been extended one month, up to May 31.

NOW! YOU CAN BUY Safe Lifetime Corn Storage for Only a Few Cents a Bushel More Than the Cost of Temporary Makeshifts

Martin "Steel-Bilt" Cribs save all the corn—keep out rats and vermin and provide quick drying. Corn saved from rats and mold plus the extra price for better grade due to quick drying will more than pay the difference in cost over the makeshift corn pen in one year's use.

Loss to rats and spoilage amount to more every year than the cost of the makeshift pen while the Martin brings you extra profits each year.

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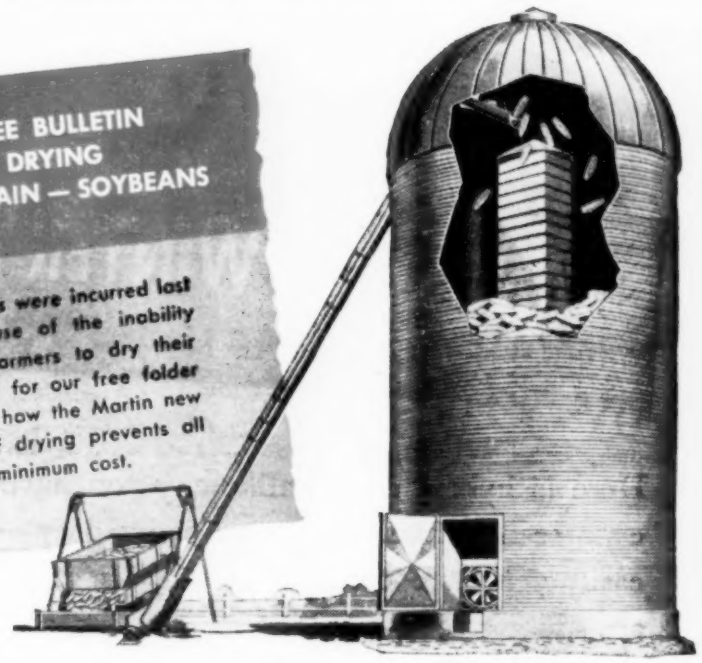
Heavy losses were incurred last year because of the inability of many farmers to dry their corn. Send for our free folder and learn how the Martin new method of drying prevents all losses at minimum cost.



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The perforated steel floor permits air to pass upwards through the corn quickly removing excess moisture. Drying is by natural ventilation or may be speeded up by using a blower or heater. Play safe with a Martin. Avoid having to make good on your crop loan for corn spoiled or destroyed because of unsafe storage.

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Picture taken April 16, 1949

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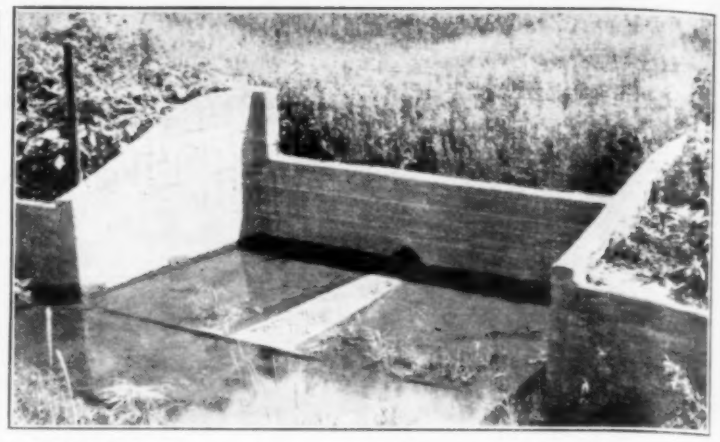


Double-Purpose concrete dam serves for drainage and erosion control. Gully has filled up. No soil is washed where tile empties. Dam is on Tom Lewis' farm, Henry county, Iowa.

Tips For October

Useful hints for fall, compiled by farm management specialists at Iowa State College.

▲ ▲ ▲

CHECK OVER your water ponds. Herbert Himmel, Lincoln county, Missouri, makes repairs now, so the ponds will be in good shape to catch and hold water when the spring thaws come.

▲ ▲ ▲

OCTOBER is the last call for building terraces. Terracing of steep slopes helps to check soil-washing, and it saves water to protect you against dry weather later in the season.

▲ ▲ ▲

ORDER DRAIN TILE for spring tiling, and arrange for ditch digging. Time is pretty short in the spring. Here's one job you can get out of the way during the fall. Spread limestone and rock phosphate on small grain or hay stubble.

▲ ▲ ▲

SEE THAT WATER PIPES are protected. Clean water tanks and set tank heaters. Be sure that your water system is in tip-top shape before winter sets in.

▲ ▲ ▲

PUT TEMPORARY or portable cribs in next year's hog pasture. Carrol Huff, Van Buren county, Iowa, suggests that you fill them with corn this fall. It will cut down your hog-feeding chores next year. And, while you're at it, put up temporary fences on next year's hog pasture.

WEAN AND VACCINATE your fall pigs, spray for lice and mange. Worm gilts and sows before breeding—if necessary.

▲ ▲ ▲

SELF-FEEDERS are a real labor-saver in feeding hogs, F. E. Newburn, Wright county, Iowa, says. To be most satisfactory, a feeder should be large enough so the hogs will not be crowded while eating. Build your feeder so the feed will work down.

▲ ▲ ▲

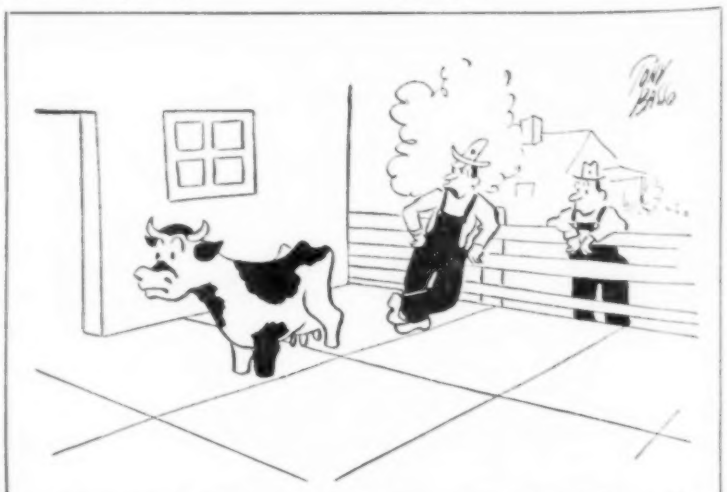
AN EARLY FROST sometimes catches you before you have a chance to drain the water out of the piping used to carry water to hogs on pasture. Orin Drelor, of Hardin county, Iowa, avoids this danger by plowing a furrow before he lays the piping in the spring. Then he buries the pipe by covering it in the furrow.

▲ ▲ ▲

THE OLD HORSE BARN can be remodeled into a perfectly satisfactory hog farrowing house, says LeRoy Wiese, Cedar county, Iowa. He ripped the old stalls out and replaced them with farrowing pens.

▲ ▲ ▲

THE THREE-WAY CROSS is one of the best ways to get vigor in pigs, geneticists say. And Delbert Wiese, Cedar county, Iowa, has found that it works that way on the farm, too. He crosses Spotted Poland Chinas, Chester Whites and Hampshires. He uses only purebred boars, changing the breed every year.



"Just when I was thru laying the concrete, she got loose and wandered out during the night."

STANDARD

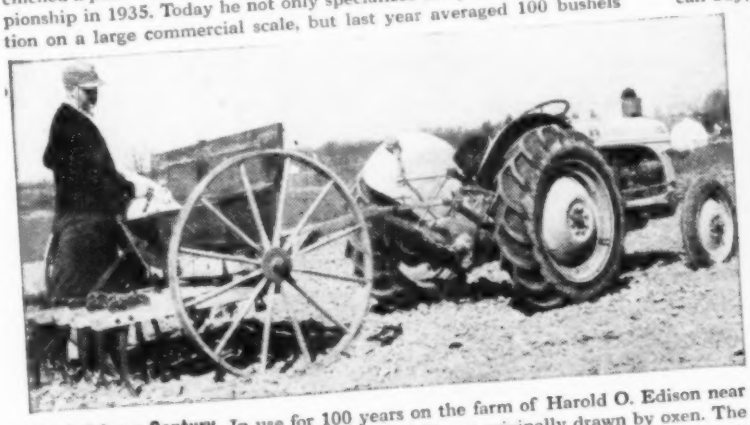
FARM NEWS-GRAPHIC

A picture review of successful farming brought to you by the Standard Oil Company

Honey Bees-ness. Mighty proud of their annual honey production record are Reinhold (left) and Theodore Bleeke of Decatur, Ind., who are seen tending their hives which produce over 1,000 lbs. each year. As Standard Oil farm customers for 21 years, the Bleekes are users of a full line of Standard Oil products. "We get steady, economical power and cut engine wear at all times," they declare.

Wheat King Retains Crown. Named champion wheat grower of Missouri for two consecutive years, Albert Voss of Higginsville is seen beside some of his 1949 grain with which he hopes to win another championship. His trophies and ribbons adorn a shock on his 140-acre farm. Wheat-King Voss says that Standard Oil products, which he has used for 7 years, are championship performers, too.

"Hundred Bushel Club" Candidate. Elmer G. Carlson of Audubon, Ia., cinched a place in the corn world by winning the world's husking championship in 1935. Today he not only specializes in hybrid corn production on a large commercial scale, but last year averaged 100 bushels per acre. Corn-grower Carlson talks over the corn crop while Dale McCarty is seen sitting on one of his tractors. "Speaking of Red Crown Gasoline and Iso-Vis Motor Oil, for my money they're the best you can buy," Mr. Carlson said.



Seeded for a Century. In use for 100 years on the farm of Harold O. Edison near Grand Rapids, Mich., this primitive grain drill was originally drawn by oxen. The Edisons have used Standard Oil products ever since the days when the first Standard Oil horse-drawn tank wagon was a familiar sight on the 110-year-old farm. "We still depend on Standard for power, economy, and uniformity as we have down through the years," this pioneer farm owner declared.

Potato Potentate. That title might well fit Frank Falkies of Cornell, Mich., who had a 1948 yield of 847.2 bushels per acre, and was crowned potato-growing champion of his state. He exhibits sample tubers while Mrs. Falkies and son, John, look on. Standard Red Crown gasoline and Iso-Vis motor oil do a mighty important job in his farming operations.

Win $5.00. If you, too, are making news on the farm, send pictures with descriptions to Standard Oil Farm Photos, 910 S. Michigan Avenue, Chicago, Illinois. For each picture that we use in the News-Graphic we'll pay you $5.00.

Your Standard Oil Man

VITAMIN - REINFORCED

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VIGORTON Gives Your Hogs ALL FOUR

1 MINERALS
2 VITAMINS
3 LIVE CELL YEAST
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THIS FAMOUS COMBINATION CAN BE USED TO FURTHER BALANCE AND FORTIFY YOUR REGULAR GRAIN RATION AT SURPRISINGLY LOW COST

From breeding to farrowing—to weaning—to market . . . from the beginning to the end of the life cycle of your hogs, Vigorton is the ideal feed supplement. Vigorton contains the four essential elements . . . *live cell yeast, vitamins, minerals and trace elements* . . . scientifically compounded to help your hogs get the maximum nutritional benefit from your home grain ration. You can further balance and fortify ONE TON of Home Grain with LESS THAN $3 worth of VIGORTON! Get the facts. The Vigortone Serviceman in your community is available to assist you with your livestock and poultry problems. He is specially trained in livestock nutrition—and backed by a company with 37 years of successful service to farmers. Ask your local Serviceman—or write direct—for complete details.

This FREE BOOKLET Contains
Full Information on:
VIGORTON & JR. VIGORTON (for hogs)
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and a complete line of almost 50 vitamin and mineral supplements, medications, and livestock and premise sanitation products.

Satisfied VIGORTON Users Write:

"I had a few tail-enders that wouldn't do anything. The Vigortone Serviceman suggested Vigorton. We held them a few days longer than 60 days and are pleased to report that with the exception of three, they weighed 212 pounds average. I am more than pleased with the results that I had and recommend Vigortone Products to any farmer who raises hogs for a profit," says Harm M. Heidebrink of Rushmore, Minnesota.

"Last year I lost half (nearly 70 head) of my hogs. With Vigortone Products, and the help of your Vigortone Serviceman, I was able to save 64 out of the remaining 72 head, some of which were so sick they were unable to walk. I am following the Vigortone system of feeding this year and have experienced such good results that I am recommending your products to my neighbors," says Chester J. Lynge of Lake City, Iowa.

(Originals in file)

VIGORTONE PRODUCTS, Inc.
CEDAR RAPIDS, IOWA

PREFERRED BY BETTER FEEDERS SINCE 1912

He Knows where his sealed corn is going. Alden Fricke (above) and his brother, Charles, Henry county, Iowa, resealed part, delivered the rest. A lot of other Iowa farmers still don't know when they can deliver their corn to CCC. Some counties have worked out priority systems, with urgency cases getting the first preference.

Caught In A Corn Squeeze?

Some Fields Need Early Picking, But Old Corn Still Fills Cribs On Many Iowa Farms

DOUBLE trouble. That's what a lot of Iowa farmers are facing today. They have two problems. And each complicates the other.

First, corn borer damage and the early maturing of some fields put pressure on the farmer to start husking corn early. The shanks and stalks weakened by corn borers have already let some ears fall to the ground. As the corn continues to dry, more ears will drop.

The corn storage problem, on the other hand, puts pressure on the farmer to delay picking until his cribs are clear of last year's sealed corn. A number of farmers in Iowa have resealed all or part of their 1948 corn. And in many counties, enough CCC bins have been allotted to take care of the remaining corn under loan and purchase agreement.

The trouble is that many of the bins may not be ready for a while. Harold Brown, Guthrie county AAA chairman, put it this way: "Erecting cribs is the problem.

"I think we are going to get enough storage to take care of Grundy county's corn. We have had very good cooperation from farmers. And I think we will be able to take care of them. Some may have to wait a while, tho."

It's pretty much the same story in other counties. In Washington county, farmers sealed and signed purchase agreements on about 1,600,000 bushels. About 15 per cent is being resealed, says AAA Chairman Howard L. Wittrig.

"Farmers here want to deliver about a million bushels," Wittrig said. "We will be able to take the corn, since we are getting about that much bin storage room. But some will be a little late."

Five million bushels of corn is under seal or purchase agreement in Calhoun county. Said AAA Chairman Charles L. Mahe:

"We have storage for a million bushels, and it is practically all filled now. Shellers are idle, waiting for the new bins."

In Cass county, a priority system is in use to let distress cases and farmers who resealed half of their old corn deliver first. Some 15 to 20 per cent of the old corn has been resealed or is promised to be resealed, according to AAA Chairman Kenneth Neary.

Said Neary: "If we get all the bins that are promised, we can take about 60 per cent of all corn here sealed or under purchase agreement."

In Madison county, AAA Chairman Henry C. Wishmier guesses that about 20 per cent of the corn has been resealed, but the figure might go higher. "A lot of farmers are on the fence yet about buying new bins," Wishmier said.

Many farmers in these and other counties of Iowa are being squeezed between 1948 corn on their hands and the 1949 crop demanding early picking and storage.

What should you do if you have two corn crops on your hands? First, you should keep in close touch with your county AAA committee. Find out, if possible, the earliest date they can take your corn.

If your committee can't give you a definite date, or if the date is too late to help you, you may have to think again about buying a crib or bin. You can't sit on your corn much longer. This year's corn has to be picked and cribbed.

Every day it stays in the field, a few more ears fall. And a wind could lose a lot of ears for you. If you're short of money, you should see your AAA committee about a crib or bin loan.

Rivers of grass...

"Rivers of grass" flow across this country. Millions of cattle and lambs have spent the spring and summer turning grass into meat. Now they are ready for round-up and shipment. So in October they move to the markets—in a great flood of livestock. Many go direct from the range to meat-packing plants. Others go to the feed lots to be grain-finished. But, either way, these meat animals are mostly *grass*—which folks cannot eat—converted into appetizing, nourishing *meat* for people. They are adding greatly to the health and wealth of the nation. Without this "livestock economy," in which you and we are engaged, 779,000,000 acres of our United States would produce little food for human use.

Whether *you* ship your cattle and lambs early or late—whether it's to Chicago, Ft. Worth, Denver or any of scores of other markets—you'll find buyers there to bid for them. With many others, Swift & Company helps provide the year-'round daily market which is as essential to your business as it is to ours.

Your grass, turned into meat, is a vital raw material of all meat-packing operations. There is keen competition for it. Every meat packer and commercial slaughterer (and there are more than 18,000 of them in the United States) must have a regular supply of meat animals. Each buyer knows the *high bid* gets the animals. He knows also that his own price range is set by supply and demand. He sees your steers and lambs as so many pounds of meat and by-products. The price you are offered for your livestock is governed by what the meat packer can get for the meat and the by-products.

Soda Bill Sez . . .

The communist believes no man should be rich; the capitalist believes no man should be poor.

OUR CITY COUSIN

Your Markets for Meat

In the early days of our country, livestock was produced close to the point where it was eaten. But as the population grew, those conditions changed. Today two thirds of the people live east of the Mississippi, while two thirds of the livestock is produced west of that river. To bridge that gap of more than 1,000 miles is no small job. Millions of head of livestock must be processed and the meat distributed to where it is wanted. The facilities of nationwide meat packers provide you with markets for your meat animals; move the meat to cities and towns where it is in demand.

Swift & Company, and other *nationwide* meat packers, sell meat to retailers wherever there are people who want to buy it . . . no matter how far that may be from your farm or ranch. We bring you the benefit of national, rather than local, demand. This means that, in selling your livestock, you choose between the price created by local demand, or the price created by the national demand of millions of meat eaters.

We work hard to encourage people to serve meat oftener—to eat more of it . . . And we are proud that our nationwide system is one of the most efficient, low-cost food distribution systems in the United States.

P. M. Jarvis

P. M. JARVIS
Vice-President, Swift & Company

Martha Logan's Recipe for

SAUSAGE AND CORN BREAD

(Yield: 6 servings)

1 lb. pork sausage meat	1 tsp. soda
1½ cups corn meal	1 cup sour milk
½ cup sifted flour	1 egg
½ tsp. salt	2 tbsp. pork sausage drippings
1 tsp. baking powder	

Brown pork sausage meat thoroughly in heavy skillet (about 9 inches in diameter). Drain off drippings. Sift together corn meal, flour, salt, baking powder, and soda. Combine egg and milk and heat until well combined. Add 2 tablespoons drippings to milk and egg mixture. Pour liquid into dry ingredients and stir just until well mixed. Pour batter over pork sausage in heated skillet. Bake in moderately hot oven (450°F.) until well browned, about 30 to 35 minutes. Serve hot as main luncheon dish.

Quotes of the Month

"We, as ranchers, are not sufficient unto ourselves. In fact, we are only the beginning of the beef line. Of equal importance are the feeder, the processor, the distributor and the consumer. Disregard the rights or welfare of any of these, and sooner or later we suffer."

Sam R. McKelvie
Pres. Sandhills Cattle Ass'n

"He gave it for his opinion that whoever could make two ears of corn, or two blades of grass, to grow upon a spot of ground where only one grew before, would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together."

Gulliver's Travels (*written in 1726*)

Supplement that *Poor* Forage

R. D. Rasmussen

by Robert D. Rasmussen
New Mexico A. & M. College

Dried-up pastures and winter weather create the same feeding problem for the cattleman. They simply mean that you have lower quality feed and less of it. And you have little choice as to what you can do about it. You can let the cattle eat what they can find. In this case you're likely to take a weight loss on your cows. You'll also take a chance on a weak calf crop. *Or you can feed a supplement.* If you feed enough of the right kind, your cows and unborn calves will come through in good, healthy condition.

California experiments on deficient range showed the cow herd that got a protein supplement produced a 91% calf crop. Cows on similar range, without a supplement, produced a 61% calf crop. Arizona found that feeding supplement increased the weight of the calves at birth by 10 pounds.

The amount of supplement needed varies. Cows carrying calves, and young stock require more protein than open cows or mature animals. A safe rule to follow is to watch the condition of the stock. Keep them healthy and thrifty.

Research by the New Mexico agricultural experiment station shows that during the winter months range forage is most crically short of phosphorus as well as protein. While some of the cake supplements are high in phosphorus as well as protein, most ranchers over the state are using mineral supplement for year-'round use. A mineral supplement containing at least 6% phosphorus should be made available at all times to range cattle. Experiments have shown that year-'round use is better and more profitable than seasonal use.

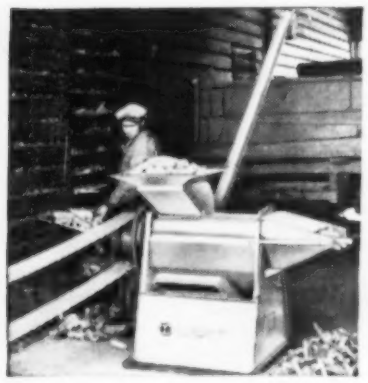
Here's a goal for cattlemen. Use whatever kind and amount of supplement is necessary to keep your cattle healthy and thrifty. (*Editor's Note: The principles of animal nutrition discussed above apply in all parts of the country.*)

Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours

5 ways to Speed Farm Chores



Shell 100 to 150 bushels of husked corn per hour with this McCormick No. 30 corn sheller. A 1-plow tractor or a 5- to 10-hp. electric motor will supply the power. Choice of elevators, corn throwers, cob stackers, etc., to meet your needs.

Hitch this McCormick two-wheel trailer to your Farmall Cub or other tractor, and you're all set for many farm hauling jobs. All-steel dump-style box, 4 by 6 feet, will take sideboards for livestock handling. 2500-lb. maximum capacity.

This leveling and grading blade for your Farmall Cub tractor is the answer for fast, easy earth moving, building and maintaining roads, terraces, and ditches, removing snow, leveling seedbeds, cleaning barnyards and feed lots, and many other jobs.

This McCormick No. 4-E hammer mill grinds any grain including ear corn; is operated by a Farmall Cub tractor or a 3- to 7½-hp. electric motor. For greater capacity with larger tractors, choose the McCormick No. 6, No. 10 or No. 10-C hammer mill.

Attach a McCormick No. 30 power loader to your Farmall tractor and take the backbreak out of loading manure, lifting earth, gravel, hay, or other materials, pulling fence posts, etc. Ask your IH dealer about the many outstanding features of this loader.

Your IH dealer has these farm labor savers...available on convenient terms. Ask him for further details

INTERNATIONAL HARVESTER

180 NORTH MICHIGAN AVE., CHICAGO 1, ILLINOIS

Listen to James Melton on "Harvest of Stars" every Sunday afternoon over NBC.

Takes a lot of grinding to keep a big hog herd fed. Dick and Andy Breuer, and Leo Plummer, who works for them, in Henry county, Iowa, get help from this elevator-trailer. It makes easy job of elevating before grinding and of unloading ground grain into feeders.

Hog Flu Can Be Dangerous

It Lowers Resistance And Gives More Serious Diseases A Chance To Move In

"MY HOGS are sick, but I guess there's nothing a vet can do for them. They've just got the flu." That seems to be the attitude of many farmers.

Then they take the standard flu-fighting steps — simple measures that go along with good feeding and management. They put clean, dry bedding in the houses. Adjust windows and doors so hogs won't have to lie in a draft.

"I've found the best thing to do," said one farmer, "is to shut them off corn and give them oats instead, along with a laxative mineral."

Most men don't want their hogs to sleep outside, as they're inclined to do when they have flu—probably because they're feverish. Many farmers drive their hogs into the sheds, maybe shut them in overnight. Some, trying to do the best they can for the pigs, spray some kind of inhalant over them.

What else can you do? We talked to a number of veterinarians to see what they thought. And found some differences of opinion.

Swine flu, one vet explained, is caused by a virus. Or, to be exact, by a combination of a virus and bacteria. But normally it isn't a serious disease. Its usual course is seven to ten days, and death losses may not run more than 2 per cent.

"I'd cut them off corn," said a veterinarian in Benton county, "because corn is heating, and they are running a temperature already. But if the hogs are good-sized, and the farmer wants to keep on feeding corn, I wouldn't argue with him.

"Of course," continued this vet, "if it runs into pneumonia, that's something else again. Then they'll need a sulfa treatment."

Right there is the reason many vets favor immediate treatment for flu. The flu itself may not cause a lot of trouble. But it can develop into something that will.

In Tama county, Iowa, Dr. H. S. Lames was out on a flu case when we found him. "Died with a full stomach," he remarked as he posted a dead pig. "But the lungs tell the story."

"It's one of those black ones," said the farmer. "Every pig in that litter has been coughing around ever since they were born. No use trying to do anything for them."

But Doctor Lames didn't agree. "Don't fool around with them," he advised. "Let's get those pigs in here and give them a treatment before all your hogs get sick."

That's probably good advice, too. Flu weakens a pig's resistance—just as a cold will give you that run-down feeling. Then it's easier for other disease to move in.

Pneumonia isn't the only "secondary invader" in hog flu cases. Look out for cholera, erysipelas, enteritis.

Enteritis—or "necro"—may follow flu or precede it. Said a farmer: "I'd rather my hogs had the coughing flu, where they bark their heads off, than the stomach flu, where they lie around and vomit." The latter symptoms could indicate enteritis complications.

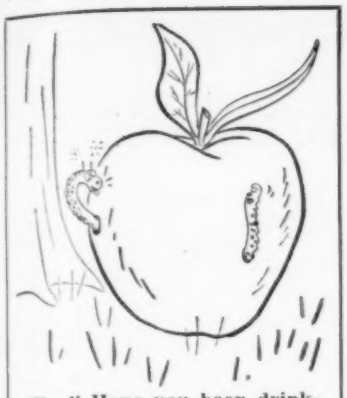
Worms are in the flu picture, too. Damage to lungs by roundworms in their early stage can make hogs more susceptible to flu or pneumonia. The true lungworm is worse yet.

"I once had a case," said Doctor Lames, "where a man lost over a third of his hogs following flu. We discovered the herd was infested with lung-worms."

Lames summed up his feeling about flu this way: "As complicated as hog diseases are today, it's very dangerous to let any case of so-called flu go without having the herd checked."

Dr. C. C. Lawrence, in Grundy county, Iowa, agreed. We asked Lawrence this question: "If my hogs have flu, should I call a veterinarian?"

"Yes," he replied. "Then you'll



"Fred! Have you been drinking hard cider again?"

be sure of a correct diagnosis." He backed up his argument with the story of a farmer who had vaccinated his hogs for another disease—which they didn't have.

"When they have the flu," said Doctor Lawrence, "hogs should be kept quiet. Handling for vaccination made it that much harder on them. And that farmer spent his money needlessly."

There is no curative vaccine known for swine flu. But research men are looking for one.

What medication, then, is recommended for swine flu?

Doctor Lames uses a treatment containing some sulfa ingredients, to control possible after-effects. Some vets recommend using an expectorant — something to clear out the irritated bronchial tubes.

"Lots of veterinarians use guiacol by the barrel," one vet told us. "It helps pigs cough out the stuff. But they won't drink so readily if you put it in their water."

An expectorant helps keep secondary invaders from taking hold, said a Hardin county, Iowa, veterinarian. "But I don't use guiacol. It's distasteful to hogs, keeps them from drinking so much water. And you want fluey hogs to drink all they can. The preparation I use tends to make them drink more."

This vet warned farmers to keep hogs away from old straw stacks. "You'll find earth-worms there, and earth-worms can carry the hog flu virus. They harbor lungworms, too. Don't bed hogs too deeply, either. Then they'll get hot, and bedding will get damp."

What about using inhalants to help hogs breathe? "Don't use dry dip," advised Doctor Lawrence. "It's too much of an irritant. Add guiacol to hot water and spray over the hogs in their bed."

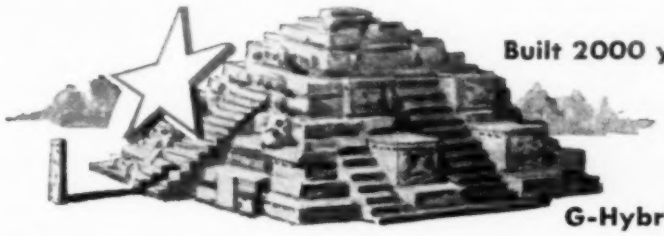
Will the feeding of laxatives help? "That depends," said Doctor Lames. "Hogs sometimes get very constipated. Then a laxative is all right. But if they vomit and have diarrhea, I'd rather put them on a bowel antiseptic."

Need Early Pasture Next Spring?

There is still time to sow rye for early spring pasture. Rye makes good pasture for both hogs and cattle, and will be ready to use before legumes.

In Illinois tests, pasturing sows in the spring on fall-seeded rye saves as much as 100 bushels of corn and 560 pounds of supplement an acre, compared to dry-lot feeding. The rye was grown on very fertile soil and pastured at the rate of 12 sows and litters per acre.

SUPER STANDABILITY



Built 2000 years ago, a huge observatory and corn temple still stands in Central America. In their own way, too, Funk's G-Hybrids are noted for standability.

This observatory set corn planting dates for ancient Mayan Indians

You want corn that's straight up, "on its feet"—at harvest time. You get that *bred-in* super standability in 5-Star Funk's G. Famous for strong, stiff stalks, well anchored and braced by long, thick, deep roots. Stays standing through summer storms and fall winds; in spite of attacks by insects and disease. Makes your harvesting job fast and simple; tops for mechanical picking. *5-Star G-Hybrids stand long after the usual harvest season if necessary.* Order seed today.

Fast Starting

Drouth Resistance

Insect Resistance

Disease Resistance

FUNK'S G-37

Full season corn for central Iowa; medium maturity for southern Iowa. G-37 is often used as a standard of comparison for stalk quality and standability; stands and holds its ears long after the normal harvest season if necessary. Has shown great ability to withstand attacks of corn borer, chinch bugs, root worm, heat and drouth. Makes large ears of medium dent, soft type starch kernels. Fine feeding corn. Order seed now.

FUNK'S G HYBRIDS

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YEAR AFTER YEAR

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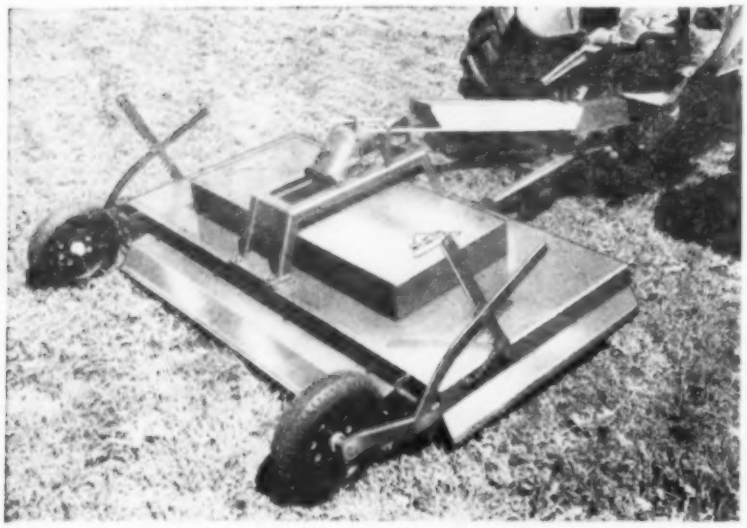
THERE'S A 5-STAR FUNK'S G FOR EVERY IOWA FARM NEED



CORN FIELDS PLOW CLEAN AND EASY

After Cutting Stalks With This IMPROVED, HEAVY-DUTY MODEL 50 WOOD'S ROTARY CUTTER

Cuts your cornstalks into chaff . . . kills borers outright or exposes them to killing weather. Resultant mulch adds humus to your soil . . . increases fertility and tilth . . . helps hold moisture . . . aids aeration . . . helps prevent erosion . . . assures clean plowing. Wood's Model 50 is equipped with Timken Bearings, Blood Bros. universal joints, pneumatic tires. It is strongly built with heavy-duty, all-steel welded frame. Hardened cut-steel gears in tractor-type gear box. Sturdy steel housings protect all working parts.

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Gentlemen:
Please send my Free Folder with Table of Fertilizer Elements in farm crop residues and information on Wood's Model 50.

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Washington Wire

What Happens Next To Hogs?

Receipts Increase, Prices Drop And The Government Patches Up Support Plans

WASHINGTON, D. C. — No farmer was surprised when hog receipts increased in late September and prices dropped. But every farmer—as hog prices near support levels—wants to know what the government is going to do next.

Instead of trying to support hog prices on a week-by-week basis at each market, the government will attempt to keep the average hog price for the month at around 90 per cent of parity.

That could mean a lot of price fluctuation from one market to another or one week to the next.

Farmers will have to pick the right market and the right day.

If prices go below 90 per cent of parity, presumably the government will step into the market and buy pork. If prices rise above parity, the government will quit buying.

Why was this change in policy made? One reason is that congress refused to approve production payments for hogs.

Under production payments, if supports were announced on a weekly basis, farmers could be sure that the average market price plus the production payment would equal the support price.

Since production payments were not provided by congress, the Department of Agriculture has to do the next best thing—buy pork on the market.

But buying pork is not quite the same as buying hogs. Heavy pork purchases will shove the price of hogs up. But not so quickly.

And, when you buy pork, you have to store it. So the government has to rent storage space.

The cold fact probably is that the USDA could not see how it could manage to support hog prices on a week-by-week basis at each market thru buying pork.

So it is promising to do about as much as it thinks possible to do in supporting the market thru pork buying.

What will devaluation of the British pound sterling — and other foreign currencies — do to farm product prices?

On this, you can get all kinds of arguments. One guess is that some U. S. farm products will be hurt.

The market dropped on wool, cotton, cottonseed oil when devaluation was announced.

The British and French may prefer to buy their cotton, oils and wool overseas with cheap pounds rather than with dear dollars.

But there is another side to the argument. If devaluation helps the British to sell more goods to the U. S., then they'll get more dollars, and can spend the dollars for meat, lard, eggs and other foods they want.

Some soybean men think the European appetite for fats and oils is so keen that they can't get enough from the southwest Pacific and will have to come to the U. S. And devaluation may help the British and French ship more manufactured goods here to trade for oils and fats.

Time will tell. There is some chance that devaluation won't have much effect either way on farm product prices and exports.

More important for farm exports is a plan proposed by the Food and Agriculture Organization of the United Nations.

Under this plan, the U. S. would export its surplus of wheat or lard

Dodd Of FAO has a plan to move some of our food surpluses abroad to the nations that are short of dollars

or soybeans, and take pay in foreign currency.

This foreign currency wouldn't be worth anything except to buy foreign goods.

So the idea would be to let the United Nations take charge of this currency and try to make a deal later, whereby some foreign goods were brought in.

It's like when you used to take eggs to the store. You'd look around, and say to the storekeeper: "I don't need anything right now. Give me a credit slip. When you get in some new overalls, I'll take a pair."

So the American farmer would ship out his surplus, take a credit slip on foreign products, and watch for a chance to trade the credit slip for something he wants.

Since no farmer can do this for himself, and since no single nation can do it effectively, the United Nations would handle the deals.

In terms of cash, it might mean that a farmer would get the full market price of 80 per cent of his crop and a good deal less for the 20 per cent that went into this kind of an export deal.

It would, however, help inter-

End Supports for eggs and potatoes is recommendation of Senator Thomas, Oklahoma. Congress will say "No."

national trade to get this product into circulation. And it might be cheaper and easier for the farmer than a complicated plan of acreage control.

A bill introduced by Chairman Thomas, of the senate agricultural committee, doesn't have much of a chance. Thomas wants to end immediately mandatory price supports on eggs and potatoes.

Other members of the committee point out that producers have been told supports on eggs and potatoes would be kept up until the end of the year. They don't think congress should break its word.

Committee members are not happy about the present methods (purchase and loan) of supporting prices on eggs and potatoes. But they aren't ready yet to recommend a new plan.

It's a 50-to-1 shot that the government will not invoke marketing quotas on the 1950 corn crop, altho supplies are large enough to warrant them.

In fact, if it were not for a mix-up in the laws covering quotas, it is doubtful that the agriculture department could legally avoid a quota vote.

Officials say that because of vastly different regulations covering quotas in the AAA Act of 1938 and the Farm Act of 1948, it is not possible to have quotas before the 1951 crop. The act of 1938 is due to expire December 31, and the act of 1948 is due to go into effect January 1, 1950.

The act of 1938 says, in effect, the government must wait until after the August crop report before it can invoke quotas on the 1950 crop. But the chances are the act of 1948 will be in effect—at least as regards quotas—next August.

The new act says quotas must be proposed by October 15 in the calendar year before the crop is planted. So, officials say, it is not possible to propose quotas without running the possibility of having them ruled illegal by the courts.

The department is not anxious to have corn quotas anyway. What is the use of putting limitations on corn, they say, when the government has no authority to limit production of competing crops?

The department will set up acreage-planting allotments for corn, however. Officials believe allotments will be effective in holding down the 1950 corn acreage.

This belief is based on the fact that price supporting corn loans will be limited to those who plant within their allotments.

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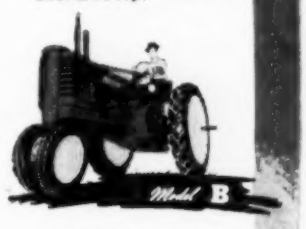

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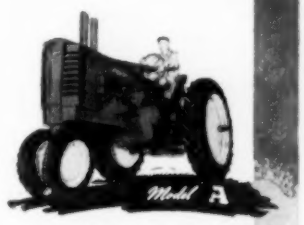

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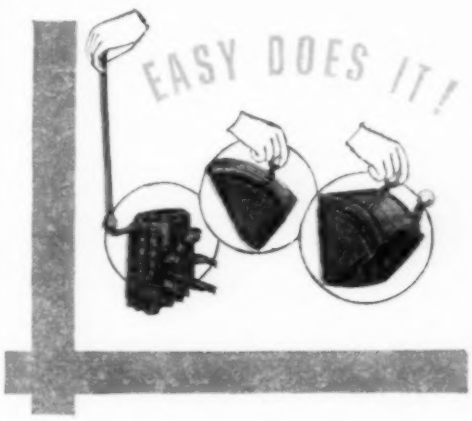

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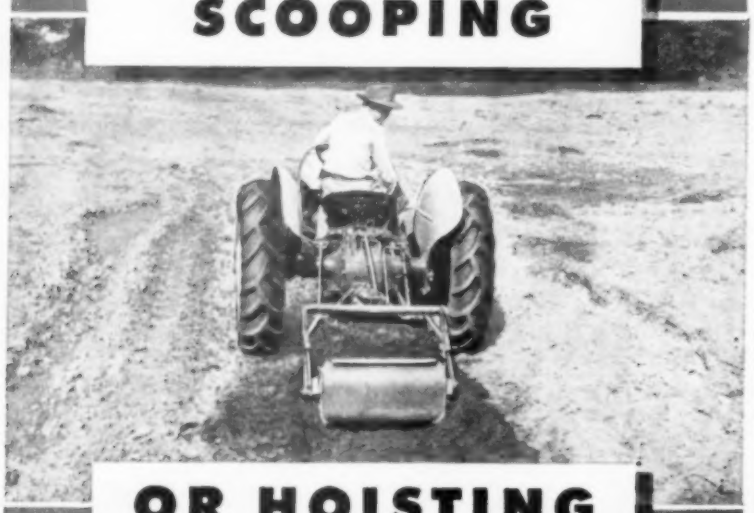

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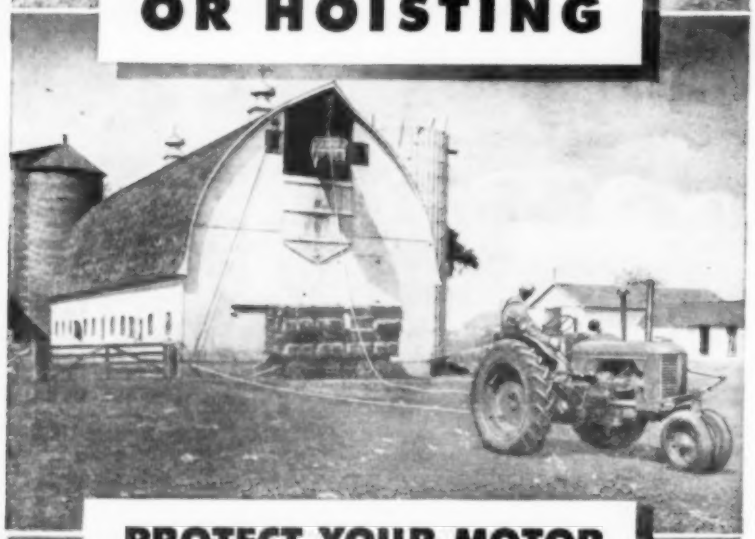

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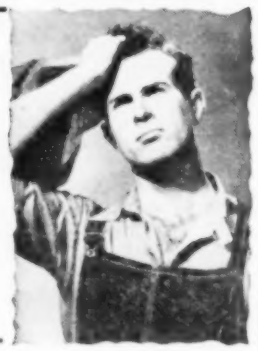

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Takes a pretty good milk house to meet Grade A requirements. This one is on the Clem Kutsch farm, Dubuque county, Iowa, with daughter Clara in charge. Running water cools the milk to 50 degrees.

Can You Produce Grade A Milk?

The Time May Be Coming When All Fluid Producers Will Have To Follow The Rules

FLUID milk is the coming thing, argues Paul Grimm, Delaware county, Iowa, dairyman. So he figures dairy farmers might just as well get their places fixed for it.

The figures bear out this belief. Iowa farmers now are selling nearly three and a half times as much whole milk as in 1939. The amount going off Iowa farms as whole milk today is actually greater than the amount being separated on the farm.

How good is Iowa's whole milk? Sure, you can pasteurize it so it won't transmit disease. In fact, since last April 15, pasteurization has been compulsory in Iowa—unless the producer is retailing his milk under Grade A regulations.

But there's a growing feeling that whole milk producers ought to turn out a first-class product whether raw or pasteurized. Says Clem Kutsch, Dubuque county dairyman: "There was quite a discussion at Ames on Dairy Day about putting the whole state on Grade A. I look for it eventually."

Of course, in milk sheds around the larger cities, all bottled milk must qualify as Grade A, pasteurized or not. But a lot of whole milk still comes from farms that have never seen an inspector. It gets by as long as it's sweet and will pass a sediment test.

Like Kutsch, most folks in the business agree that situation won't last. They agree with Paul Grimm that all whole milk producers might as well get used to the idea of operating under Grade A rules.

How tough will that be? "Farmers don't need to be scared of Grade A regulations," says V. F. Chapman, milk inspector for the Dubuque area. "All they require is that you follow common-sense rules of cleanliness."

Grade A rules, of course, come right into your barn. They say that milk must come from healthy cows. The cows must be free from TB and mastitis. From Bang's, too, if the milk isn't pasteurized.

Grade A milk must be produced in clean, well-lighted, well-ventilated barns. Walls and ceilings must be whitewashed or painted. Floors must be made of material that can be kept clean, and lime used to keep them sanitary.

Cows' udders and flanks must be cleaned before milking. Teats, milkers' hands, teat cups must be washed with an approved disinfecting agent.

Then there's the milk house. Grade A rules say it must be separated by two doors from the stanchions. That gives a breezeway effect, keeps out barn dust and odors.

The milk house also must have provision for rapid cooling of milk to below 60 degrees right after milking. And the house must be properly lighted and screened. It needs a satisfactory water supply and a sanitary concrete floor with drain.

Those are some of the hurdles your farm must jump if it is to produce Grade A milk, whether you sell milk raw or to be pasteurized. On the other end are the laboratory tests—to see if your place is as good as it looks.

The methylene blue test is used to determine whether there are too many bacteria in your milk. The rules say raw Grade A must have not more than 50,000 bacteria per cubic centimeter. Pasteurized Grade A must have not more than 30,000—or 200,000 before it is pasteurized.

In the Dubuque milk-shed, says Chapman, each producer's milk is tested twice a month. "But we don't suspend a farmer on one test. When he's right on the line,

he gets notice that he'll be suspended if the next test is not OK."

Usually, if a bacteria test runs high, a fieldman will go out to help the farmer find out why.

"It means a lot of expense to build a milk house, buy a cooler, and fix my barn for Grade A production," reasons the average dairyman. "Is it worth it?"

"Most farmers will say 'Yes'," says Ralph Howard, manager of the Dubuque Cooperative Dairy Marketing Association. "Anyhow, do we want to produce anything less than a Grade A product?"

What do producers say? "After you once get fixed up, it's not so much harder," says Arnold Pancratz. "But I'd want to be milking more than eight or ten cows," thinks Richard Pulse.

Actually, the extra dollars and cents they get for a Grade A product does the persuading for most farmers. In June, for instance, the Dubuque co-op paid 53 cents a hundred above the cheese price for all the milk delivered by the members.

Naturally, not all Grade A milk goes into bottles. To guarantee a supply to retailers, any marketing agency needs a backlog, or surplus. The Dubuque co-op takes up the slack by making ice cream and cheese. It's also studying the possibilities of shipping extra milk down south in refrigerated tank cars.

As in most milk-sheds, Dubuque producers get a "blended" price. There are three classes of milk use: Class I is bottled milk, Class II is ice cream, Class III is cheese. Each class rates a different price.

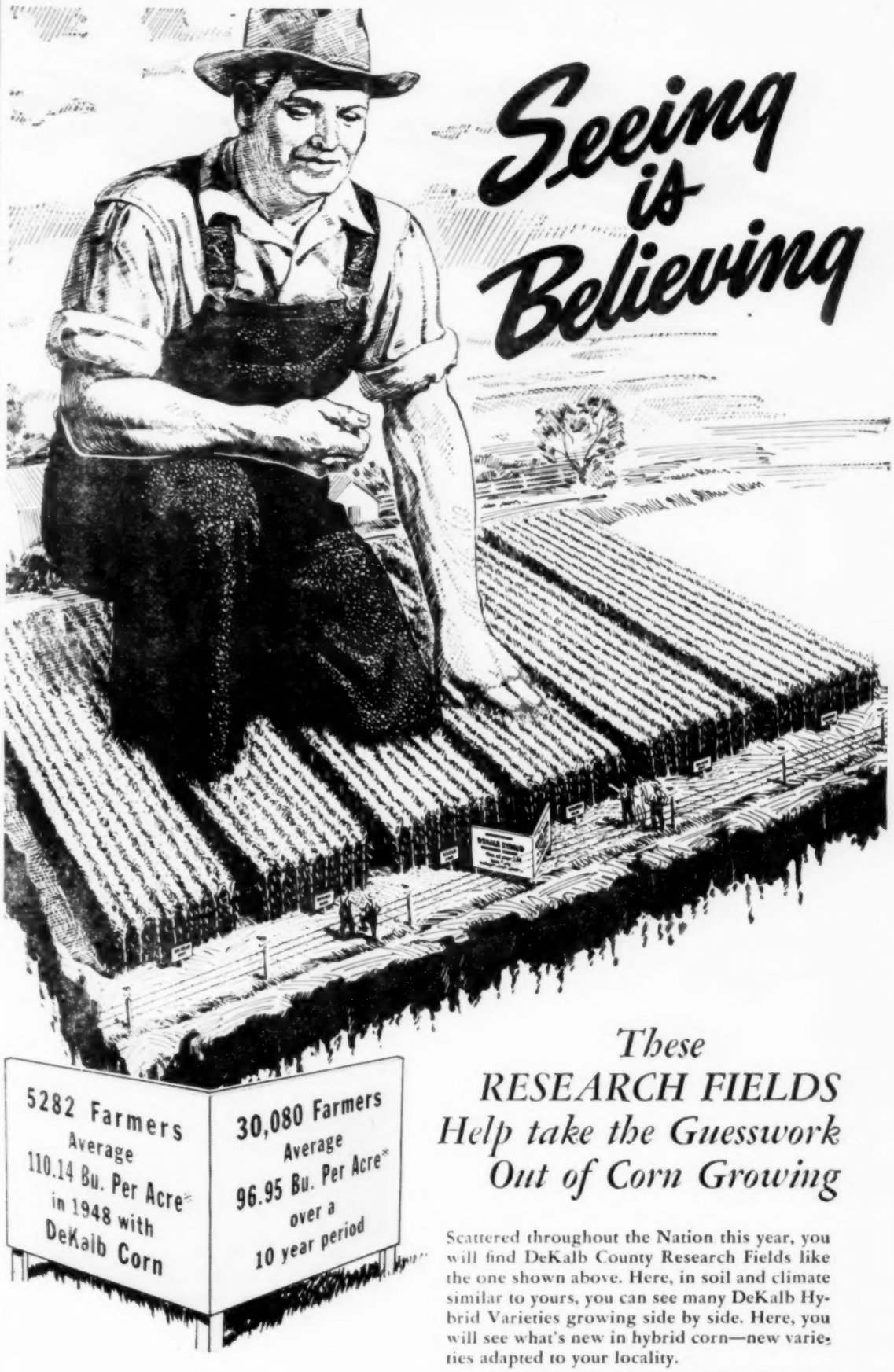
The percentage of all milk received going into each use is applied to each producer, regardless of how his own milk is used. So each one gets a combined — or "blended" — price. The more milk that goes into bottles, the more the producer gets.

Dairymen in milk sheds under federal supervision have an advantage. A federal milk marketing order guarantees a market. "And farmers can afford to make the investment for producing Grade A milk when they're sure of a price," says Clem Kutsch.

Richard Pulse, member of a Davenport cooperative, puts it this way: "Now they have to take your milk, even if there is a surplus. Before, you were at the mercy of the local market."

In areas with federal marketing orders, the basic milk price is set at federally supervised hearings. Usually, the price varies seasonally. At Dubuque, for instance, the basic price in April, May and June was 60 cents over the condensery price. In July, it went up to $1.05 over condensery.

"What do you think of the new mule—did she make a good impression on you?"



*Yield figures on above signs are based on estimated yields from selected ¼-acre contest plots.

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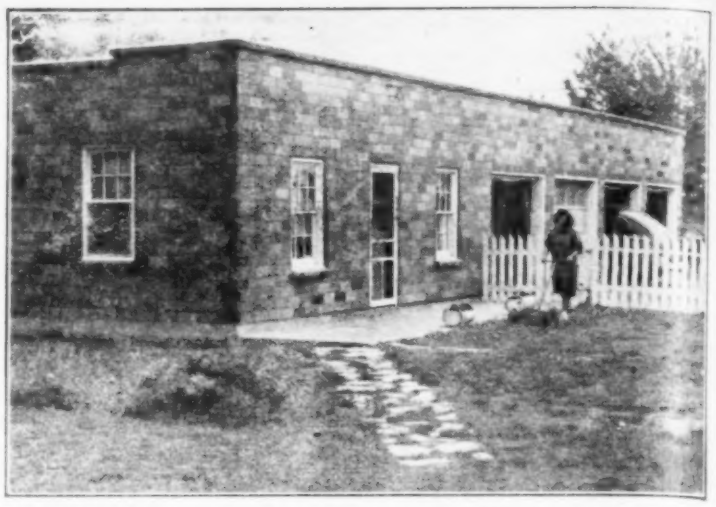

Combination home, shop and garage is this glazed-tile building on D. J. Cobier farm, Wapello county, Iowa. Far end of the 24x64-foot building has shop and space for three cars. At this end is five-room home, in which D. J.'s son, Don, and family live.

Voice of the Farm

Recalls Days Of Old Steam Thresher

To the Editor: The picture of a Nichols & Shepard steam thresher (September 3 issue) brought nostalgic memories to me.

It was on the level plains of central Nebraska, some 60 years ago, that I saw a Nichols & Shepard coal-burning steam thresher.

An old railroad engineer ran the engine, and he was my hero. He would let me sit on the engine tender for hours and tell me hair-raising stories of his passenger locomotive runs on the railroad.—H. H. Funk, Nodaway County, Missouri.

And probably didn't stick too close to the truth.—Editor.

Suggests Solution For Small Schools

To the Editor: What is the matter with the one-room school?

As I see it, 35 or 40 classes a day are too many for even the best of teachers to handle with efficiency. Telling a beginner to sit still and study his lessons thru the long periods his teacher is busy with the other grades is not only nonsense but a form of cruelty also.

Second, a country school teacher is too much on her own. Seldom does anyone question her schedule, her methods, or her results.

Third, a teacher often has trouble keeping discipline, as she has no one to back up her authority.

Now as to a solution to these problems: First, why can't two (or more) adjacent schools unite, putting smaller grades in one building, higher grades in the other? This would make some children go farther to school, but it wouldn't create the hardship of a long and tiresome trip by school bus to the consolidated school.

Second, it might be possible to have the county superintendent's office send out a couple of well-trained, experienced teachers to visit each school at least once a month. These teachers could give advice to the young and inexperienced teachers and help to settle problems of conduct.

The only added expense in these suggested solutions would be the salaries of the visiting teachers. Spread over the county, these wouldn't be too hard on any one district.—R. S., Peoria County, Illinois.

Real test of any school plan probably is this: Would it mean a better education for our children?—Editor.

Who Is Farmer And Who Isn't?

To the Editor: I would like to present my views on the letter, "Don't Like Rule on Farm Women" (Voice of Farm, September 3).

First of all, the Farm Bureau is not a farm organization at all. Every banker, baker and bum can belong to it, as well as lawyers and shop-keepers and office-holders.

A farm organization should be made up only of farm-minded and farm-educated people. Only those who have been farming 10 years or more should be eligible. They are the ones who have learned by experience, which outrates all book education on farming.

Whether they leave the farm or retire on their farm, they are still farmers, and should still be members, because they understand farm work.

Neither the city lawyer, the banker, the store-keeper or the saloon-keeper should be given the right to membership, unless they have lived and worked on a farm 10 years or over.—Mrs. J. D. Meester, Grundy County, Iowa.

Careful! Some saloon-keepers might qualify.—Editor.

Says Owner-Renter Fight Silly

To the Editor: Most of the argument about landlords and tenants is so much hog-wash to me.

For one thing, you never hear a peep out of the good renters or the good landlords. One attracts the other. Most of the hollering is done by renters who don't know their jobs or by landlords who can't get along with their own brothers.—R. V., Wright County, Iowa.

Maybe you've got something there.—Editor.

Is Recession Over?

Iowa State College Economist Francis Kutish takes a look at fall and winter prospects for hogs, dairy and poultry products.

BUSINESS observers are feeling better these days.

The decline in industrial activity which began early this year is showing signs of ending. Construction activity rolls on at a high level. Personal incomes continue high. And the increase in new orders booked by the manufacturers suggests that the decline in economic activity has begun to taper—at least temporarily.

Piece-meal adjustments still go on. Output in some lines of business still needs to become adjusted to more normal peace-time patterns of demand. So the current business picture still calls for caution.

The farm commodity outlook:

HOGS—Farmers still continue to top out their hog droves, marketing butcher hogs at lighter weights. But sows have been coming to market at heavier weights than a year ago. So the average weight of all hogs slaughtered is about the same as it was at this time last year. Pork output has been running one-third ahead of a year ago as a result.

Hog prices normally drop about 18 per cent from the summer high to the winter low. The drop will be fully that this year—unless demand strengthens. Earlier movement of hogs, however, is likely to bring an earlier winter low than normally. The low point of the season may come in November this year.

DAIRY—Prices of dairy products rose last month. This stems mainly from an extension of government support operations on cheese and a higher support level for butter. The seasonal slump in milk output also has been a price-strengthening factor.

Continued large consumer incomes are sustaining the high consumption of all dairy products—except butter. Meanwhile, the number of cows in the United States continues to decline, tho at a slower rate.

POULTRY—Price rises for eggs during the next few months may be relatively smaller than last year. Consumers' incomes won't be quite as high as a year ago. The larger production of eggs this fall and early this winter will be slightly offset by smaller storage stocks. But the full effects of the greater number of laying hens this winter will show up at mid-winter. Prices probably will be at support levels during most of the late winter and spring.

"What pillow fight, Mom?"

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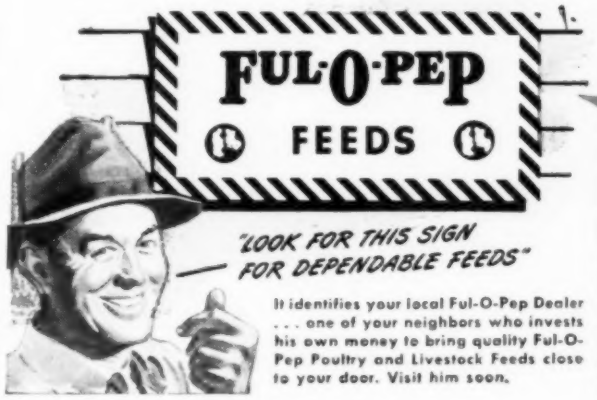

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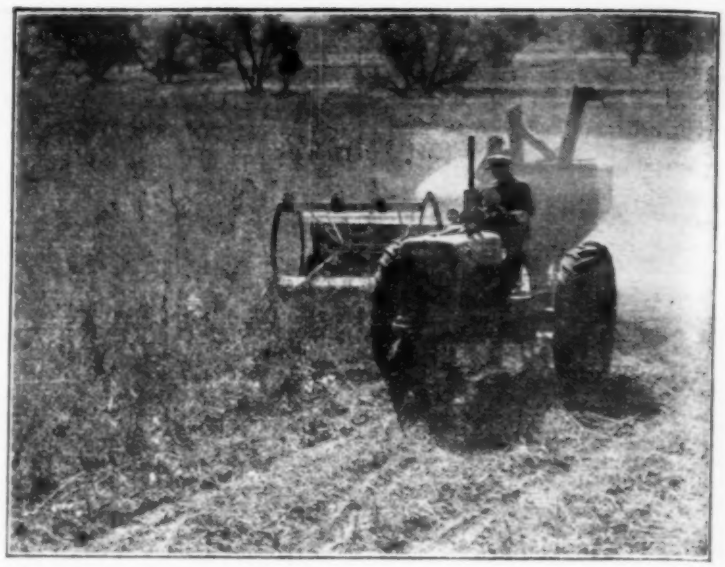

You Can hold down harvest losses by combining soybeans as soon as they're dry enough to store (13.5 per cent moisture or less). But you'll have to make sure your combine is properly adjusted, too.

Give Bean Fields Close Shave

Careless Combine Operator Leaves Enough Beans In Field To Pay The Custom Charge

SOYBEAN harvest losses can be high. Lost or damaged beans have run as high as 25 per cent in some years. But total losses can be as low as 3 per cent when conditions are right.

The key to a good combining job is to harvest at the right time and adjust the combine carefully.

There are five common ways in which beans are lost in combining: (1) Shatter losses, (2) cuttter-bar losses, (3) cylinder losses, including injured beans, (4) separating losses, and (5) cleaning losses.

Separating losses are the most obvious. Whole threshed beans come out with the straw. These may be rack losses or sieve losses.

If it is rack losses, threshed beans ride over with the straw. You can spot such losses by examining a handful of straw as it comes from the machine. This happens when the rack is moving too slow or when the rack gets jammed with straw or weeds.

Sieve losses are caused by bad sieve adjustment and too much or too little wind-blast. If sieve openings are too small, beans ride over the sieve and go back thru the cylinder again. This increases the chance of cylinder damage. If openings are too large, dirt and other material fall thru.

Overthreshing at the cylinder also can cause separating losses. When straw is broken up into very small pieces, it makes extra chaff. This overloads the chaffer and the cleaning sieve.

As a practical rule, E. L. Barger, Iowa State College agricultural engineer, says to set the machine so just a few of the threshed beans pass over the sieve and return back into the cylinder.

Don't be too concerned by a few beans lost behind the machine. It's total efficiency that counts.

Getting the right wind-blast is a trial-and-error proposition. Too much wind blows grain over. Not enough leaves dirt in the grain.

One kind of bean loss is often unrecognized. That's the loss in the form of injured beans. It is caused by overthreshing. It is not easily spotted, because you still get the beans in the wagon, even tho they are cracked or damaged.

There are two types of cylinder losses. Unthreshed beans going out with the straw is the most obvious. The other is this business of cracking and bruising.

Damaged beans are injured in the cylinder. Instruction manuals give approximate cylinder speeds and settings for combining different crops. But your losses will be high if you follow any set rule. Base adjustments on conditions and performance in the field.

Here's a word to the wise: If you're getting 100 per cent of the beans out of the pods, you can expect some cracked beans. If 10 to 20 per cent are cracked, you're doing too much threshing. You've overdone one part of the job at the expense of another.

Shatter losses can't be recovered by the combine once the beans are on the ground. Best way to avoid this type of loss is to harvest before the beans get too dry.

Cutter-bar losses often are serious, too. They may run as high as 20 per cent. A 5 per cent cutter-bar loss is not unusual.

You can't prevent cutter-bar losses entirely if bean pods are set too low on the stalks. But a careful operator can keep the cutter-bar close to the dirt.

Time of harvest affects your loss problem. Begin harvesting just as soon as the beans are dry enough to store. You can combine beans at 14 per cent moisture or more, but they aren't safe to store until the moisture is 13.5 per cent or below.

Usually, soybeans are in best condition for combining after the first good frost. This kills green stalks and weeds. If these aren't dead and dry, they may clog the sieves, even tho the beans themselves are dry.

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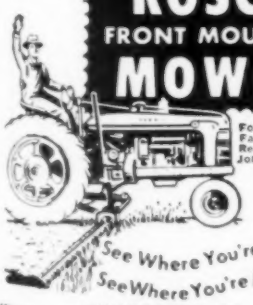

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SAVE YOUR LIFE!

How many hands will be lost in corn pickers this fall? Plenty—but not yours if you avoid the mistake described in this story by N. J. Wardle, Iowa State College farm safety specialist.

"OH, WHAT a beautiful morning! Oh, what a beautiful day!" Jim burst into song as he left the house after breakfast. There was no time to Jim like a crisp, bright fall day. Puts zip into a man, makes him want to tear into his work.

Jim felt like that this morning. Frost last night, but the warm autumn sun had chased the frost away. The air was invigorating, clean and fresh. That's why Jim sang on the way to the machine shed.

This morning, he would get started in the corn. The crop was well-matured, and the harvest should be a good one. If this kind of weather held out, all the corn would be in the crib before November.

"Yes," Jim thought, "this is a wonderful day."

He started up the tractor, drove it over in front of the corn picker and backed it to the hitch. Then he drove the tractor and picker over to the shop at the end of the machine shed. He jumped off and grabbed the grease gun.

Jim reached from the ground and shifted the power take-off into gear.

"Always lubricates better when it's running," he muttered, almost defensively, as tho he knew he was doing wrong.

"I'll watch the moving parts," he told himself, as he applied the grease gun to the first zerk.

Jim went methodically around the machine, greasing each moving part. As he neared the front of the corn picker, he stepped over the snout to reach a zerk near the husking rolls.

As the grease gun came in contact with the zerk, he gave it a push while still stepping over the snout. The gun slipped, and Jim fell forward. He could see his hand going toward the husking rolls. "Can't let it get in there! Who would harvest the corn?"

Then his hand was in the machine. For a moment, Jim thought he had got his hand out, but then he realized he was just numb from the shock.

Jim tried for some time to get out himself. Finally his wife came in answer to his calls and stopped the tractor. Altho he thought he would faint any moment, he helped his wife take the husking bed apart enough to get his hand out.

Maybe it does seem that a machine lubricates better while running, but Jim Moore doesn't do it that way any more. He doesn't want to get even his hook caught in those rolls again.

Besides, he doesn't believe a running machine can make lubrication $530 better. That's what Jim's slip cost him.

Remember: Be Alert! Don't Get Hurt!

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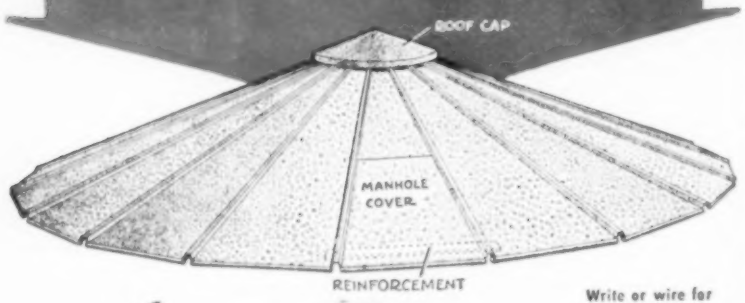

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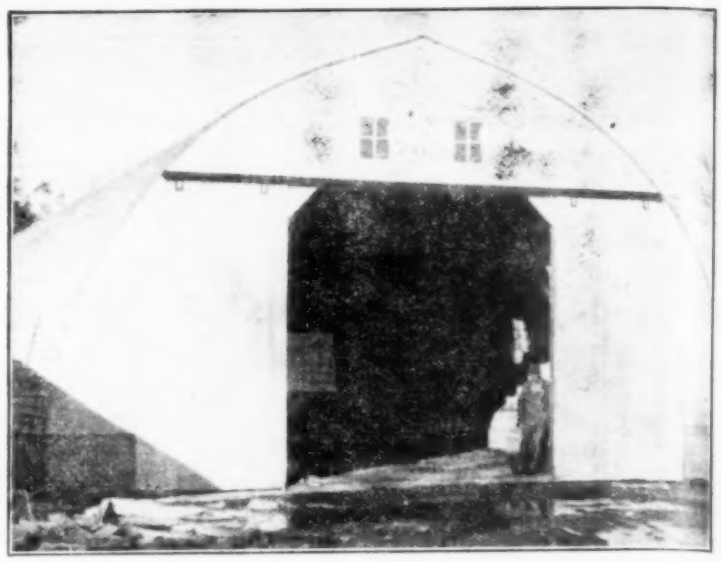

Almost Any farm implement can be stored in this machine shed on William Fry farm, in Benton county, Iowa. Of laminated rafter construction, it is 36 feet wide, 80 feet long, 20 feet high.

43 Pct. Of Farmers Use Fertilizer

Wallace-Homestead Poll Shows Two Out Of Five Put Commercial Plant Food On Corn

USE of commercial fertilizer has zoomed 'way up in the last 10 years. The reason why is easy to find.

"With the use of fertilizer, we can raise more corn on less acres. Should corn allotments overtake us, there will be a tremendous increase in the use of all fertilizers," one Audubon county, Iowa, man pointed out in a recent Wallace-Homestead Poll.

The United States Department of Agriculture report on fertilizer consumption during 1948 shows that Iowa farmers used 309,131 tons of commercial fertilizer from July 1, 1947, to June 30, 1948.

In Iowa, during that period, the most popular grades of mixed fertilizer on a tonnage basis were 2-12-6, 4-16-0, 3-12-12 and 4-16-8.

The USDA figures for 1949 consumption will not be out until next summer. But a Wallace-Homestead Poll shows that two out of five farmers used some kind of commercial fertilizer on their corn last spring. Actual figures were 43.5 per cent who fertilized corn; 56.5 who did not.

The Wallace-Homestead Poll shows popularity of grades by number of users, not by tonnage, as in the USDA report. That might account for the switch in the rank—the four most popular grades in the recent survey were 2-12-6, 3-12-12, 4-16-8 and 4-16-0, in that order. They were the same grades most popular in 1948 on a tonnage basis, but ranked in different order.

The method of application was what you would expect. Only 5.6 per cent applied the fertilizer at the plow sole with an attachment on their stirring plow; 36.6 per cent broadcast or spread the fertilizer on top of the ground, and 57.8 per cent used a planter attachment.

Some farmers undoubtedly side-dressed nitrogen fertilizers on their corn this summer, too. The poll was taken in June, before that would have happened. That's why side-dressing does not show up at all in these figures.

Side-Dressing Sweet Corn

Approximately $4 worth of nitrogen fertilizer side-dressed on sweet corn gave almost a ton per acre increase in yield on nitrogen-deficient soils, says M. T. Vittum, of the New York experiment station.

In determining the nitrogen needs of the corn, he used the quick test (see page 27 of Wallaces' Farmer and Iowa Homestead, August 21, 1948), which involves cutting a small section from the base of the stalk and applying a test reagent.

Where nitrogen is not the limiting factor, side-dressing would not be so effective.

Thick-Planted Corn Yields Most

Land capable of producing 100 bushels of corn per acre will yield most when stalks are spaced 8 to 10 inches apart, says Purdue University.

Indiana land which produced as much as 115 bushels per acre was planted in 40-inch rows with a kernel every 8 to 10 inches. And in 40x40 rows with four and five kernels per hill.

There was little yield difference in hilled and drilled corn. But the drilled corn lodged twice as much.

The ears averaged about one-half pound, when highest yields were produced. Too-large ears generally show you could have boosted yields by thicker planting.

(Note: These results are in line with those secured by L. B. Nelson, at Iowa State College, and by Pioneer and DeKalb research men. Data from earlier tests was published in our issue of May 1, 1948.)

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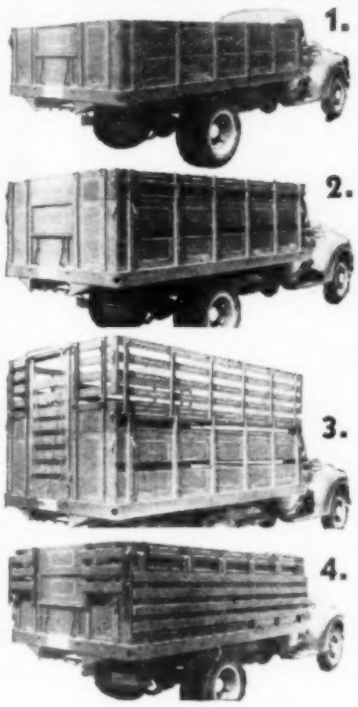
4 in 1
STEEL TRUCK BODY



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First Aid for Stock

X-Disease Strikes His Herd

To the Editor: A few weeks ago, our young bull developed a cough. His eyes started to water and his nose to run. The skin on his neck and shoulders grew hard. He lost some weight, but continued to eat well.

Our veterinarian told us that the bull had that new disease among cattle, but that it wasn't contagious. We got rid of the bull. But now one of our young heifers is showing some of the symptoms. What can you tell me about this disease?—G. M., Dallas County, Iowa.

There is a disease of cattle called the "mystery" disease, X-disease, or, more scientifically, hyperkeratosis. A common symptom is thickening of the skin over various parts of the body.

Little is known about the disease. It was first reported in the east and south about two or three years ago. Young animals seem to be more susceptible than older ones. No one has as yet been able to find out how the disease is spread.

Attempts to transmit the disease directly to healthy animals have so far failed. Sometimes diseased animals live for months with healthy ones, with no sign of any spread.

Since no one has found any explanation for the disease, we are not prepared to give advice on how to avoid it. Considerable research is going on now. As soon as any information is available for publication, we will inform our readers.

Enteritis Takes His Young Pigs

To the Editor: I lost several litters of pigs from a severe form of diarrhea. The attacks came when the pigs were about a week old. Several other litters were successfully treated with sulfa, but they were a few days older than the ones I lost. Sulfa did not help the week-old litters. What should I do?—L. R., Dallas County, Iowa.

The severe enteritis you report has been studied very much lately. But, so far, no specific cure or preventive has been discovered. There is some evidence that the enteritis is caused by a virus carried by older animals present in the old lots.

Sulfa drugs seem to help the pigs which have gained some strength thru a few days' growth. But if new-born pigs suffer an attack, there is little you can do for them.

Probably the best course for you would be to thoroly clean up and disinfect the premises. Then you could bring in breeding stock from a herd that has not suffered from the enteritis. And be sure to follow the clean-ground system of farrowing.

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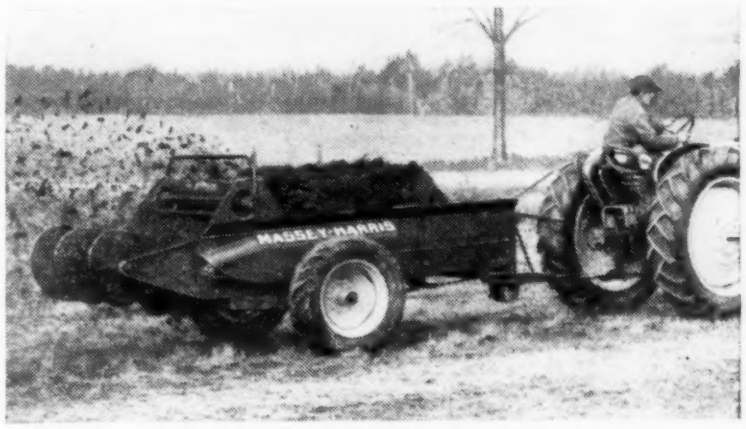

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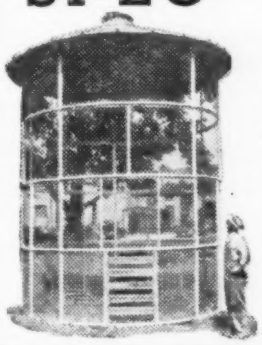

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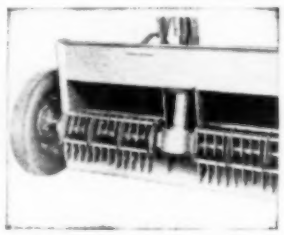

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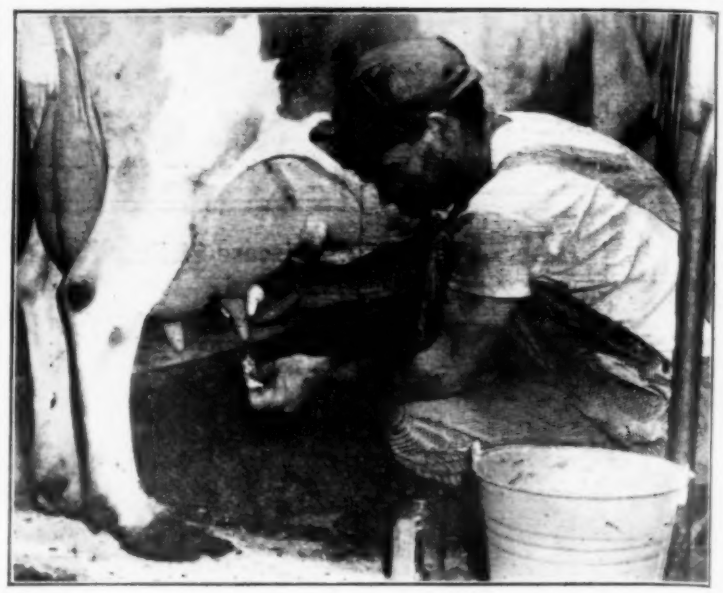


Mastitis control has been made easier by new bug-killing drugs. But some treatments should be made only by your veterinarian. He can find out which bugs are causing the trouble, too.

Drugs Plus Sense Lick Mastitis

No Magic Cure-All, But Treatment And Good Management Can Control Infection

YOU can do something about mastitis. That's good news in Iowa, where it costs dairymen millions of pounds of milk a year.

New drugs plus common-sense prevention is the answer. These cut losses and save money.

But there is no such thing as a magic, one-shot cure-all for mastitis. It isn't that kind of disease. Actually, it's more of an infection than a disease. That's what makes it so hard to handle.

Like cutting your finger and getting infection in it. The doctor can knock the infection right out of your system with penicillin or sulfa. Trouble is, the next time you get a cut, you may get the infection all over again.

It's the same way with mastitis. Drugs are wonderful in clearing up infected quarters. But they don't give permanent immunity.

The University of Wisconsin has pioneered a lot of research in the use of drugs on mastitis. Here are some of the facts dug up in those studies:

Milk samples from 99 cows with mastitis were studied. Fifteen entirely different organisms causing the infections were found. Some cows had two or more at the same time.

Researchers then studied many so-called remedies and cures. "No such thing as a mastitis cure," they say. And they found no evidence that you can feed cows anything to cure mastitis.

But they did find that several drugs are a big help in clearing up mastitis infection. Seventeen different drugs were studied. They were used to treat 204 infected quarters. Results were excellent.

Penicillin improved the milk quickly in every case where it was used. But all herds showed some reinfection later.

Penicillin plus sulfamethazine cleared up 16 out of 21 quarters treated with it.

Each drug studied had some value, but not all worked on all organisms. That's why it pays to learn first the type of infection.

There was quite a difference in lasting power, too. Some drugs killed bacteria for as long as 48 hours. Others were all washed up within six hours.

Penicillin and streptomycin caused little udder irritation. Some others were hard on udder tissues.

Here is one finding that may be a good tip for you: Older cows had much more mastitis than did younger ones. So they might be the ones to cull.

Why no permanent cure-all? Well, mastitis-causing bacteria are around most of the time. They are on teat cups, hands, and usually in the cow's udder itself.

When a cow's resistance goes down, the mastitis bugs are right there to attack.

So the big job is to prevent the bugs from getting a toe-hold.

One control method is correct milking order. "Milk heifers first, clean cows next, and end up with the cows having mastitis," say Wisconsin experts.

Sanitation is important, too. It pays to disinfect hands and teat cups in between milking each cow.

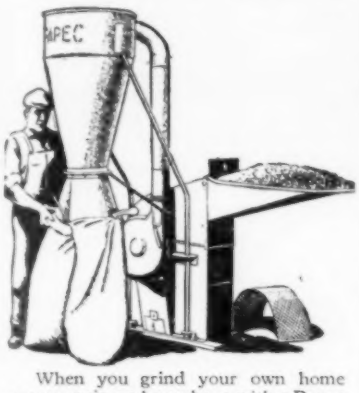
Poor milking is a third cause of mastitis flare-ups. Leave the machine on too long, or use too much pressure, and you ruin an udder.

Mastitis has to be found before it can be treated. The strip cup will expose clots or flaky milk. But veterinarians are equipped to make fast, accurate tests. And some treatments should be made only by the vet.

So it is treatment plus good management for mastitis control. Some herds in the Wisconsin studies responded well to treatment, then were as infected as ever in six months.

Reason was that they didn't get the benefit of good sense in sanitation and management.

FEED COSTS LESS with a PAPEC



When you grind your own home grown grain and roughage with a Papec Hammer Mill, you get the best and cheapest feed available. For every Papec is GUARANTEED to grind *any* dry feed to *any* desired fineness faster and cheaper than *any* mill in the same power class.

The Model X Papec will grind all the feed the average farm needs. There also are four other models for those who want more capacity. See your Papec dealer or send your name on margin of this ad for folder describing Papec Hammer Mills and how they work. Papec Machine Company, Shortsville, N. Y.

PAPEC HAMMER MILLS

The Kosch Korn Krib

- LOW COST
- ¼" STEEL ROD MESH
- ALL STEEL ROOF
- COMPLETELY GALVANIZED
- 16 ft. x 12 ft. TALL
- PERMANENT CONSTRUCTION

Write Kosch Mfg. Co.
Columbus, Nebr.

1060 Bu.

F. O. B. Columbus $249.12 COMPLETE

WESTGO No. 400
SINGLE CHAIN
ELEVATOR
FOR EAR CORN GRAIN OR BALES
Tilting, Two-chain, Low-dump Hopper

24, 28 & 32 ft. LENGTHS

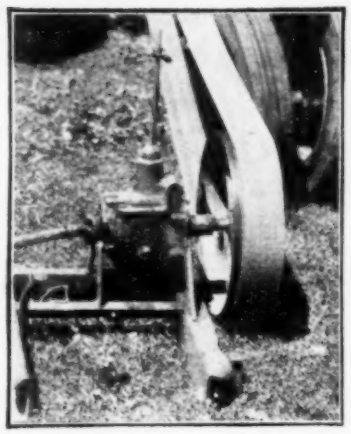
AUGER, CHAIN & BALE ELEVATORS
WRITE A Size and Type for Every Farm Need
WEST FARGO MFG. CO., West Fargo, N. D.

Help For Alcoholics

Sufferers from alcoholism can win back their place in society at River Oaks Manor. Dedicated exclusively to the treatment of alcoholism. Beautiful surroundings, excellent facilities. Many have been helped back to health. Free booklet explains treatment. Write

RIVER OAKS MANOR, Dept. M. COLFAX, IOWA

OUR ADS ARE NEWS



Handy speed-jack, made from an old car transmission.

OUTSIDE STUFF

QUITE a few members of the Iowa Master Farmers Club are visiting in Europe this summer and fall. I just got a card from the John Schnack family, who live in Clinton county. They are visiting in Germany.

• • •

DICK Stephens, of Washington county, is also in Europe. So is Mrs. Bill Davidson, wife of a Cedar county Master Farmer. Bill made the trip a couple of years ago. One thing is sure, Bill will have his hands full looking after things at home as efficiently as Mrs. Davidson did while he was in Europe.

• • •

FICTION writers may be overlooking good story material in the Iowa Committee for Agricultural Development. That's the outfit in charge of increasing seed-stock of new grain varieties.

• • •

BELIEVE me, the efforts some seedsmen make in order to get a bushel of a new variety before it is released would make quite a story.

• • •

CHARLES L. Davis, of Marshall county, Iowa, can give you the low-down on malta fever. His story has a moral for other Iowa farmers. A couple of months ago, he helped a neighbor castrate pigs and cut his hand. Three weeks later, he had malta fever.

• • •

THAT'S Moral No. 1. Most farmers get the disease from hogs. For a couple of weeks, Davis felt lousy—just wanted to sleep. The vet came down to doctor some livestock one day, told Davis he acted like a man with malta fever.

• • •

THAT'S Moral No. 2. The disease is so common among livestock farmers that vets recognize it. Davis went to his doctor, and tests proved the vet's diagnosis. A 10-day treatment with the new drug, aureomycin, licked the disease.

• • •

BUT Davis was in the hospital eight days; still doesn't feel like doing a day's work. He won't feel right all fall. Here's Moral No. 3: Malta, or undulant, fever is rough and rugged. It pays to be careful: Blood-test cattle and hogs. Use only pasteurized dairy products.—W. D. Inman.

$125.16 PER SOW
PROFIT OVER FEED COST
$6,633.66 Return on 53 Litters

On the Semi-Solid Farm 8.03 Fall pigs per litter were marketed early this year. They weighed an average of 204 pounds at 5½ months. Fifty-three litters earned $6,633.66 above feed cost.

These hogs were fed only corn, costing $1.26 bu., supplement at $5.30 cwt., and Semi-Solid SOW and PIG Emulsions. Corn and supplement were self-fed. PIG and SOW Emulsion were fed as a drink once each day. Total cost per cwt. of gain was 333 lbs. of feed—$10.16. Market price received was $21.37 cwt., making a profit of $125.16 per litter.

As a hog raiser, you too can aim for the same results by feeding Semi-Solid SOW Emulsion to breeding hogs and suckling pigs . . . and Semi-Solid PIG Emulsion to your market herd. Order from your feed dealer today.

CONSOLIDATED PRODUCTS COMPANY
Dept. W 10, Danville, Illinois

Learn all about Semi-Solid's time saving, "down-the-line" hog raising system. Write for free book today.

"The Semi-Solid System" OF RAISING HOGS

Getting a BIG Hand!

WOLVERINE HORSEHIDE HANDS

WIN WORKERS' APPLAUSE FROM COAST TO COAST

Wolverine Full-Grain Horsehide, tanned buckskin-soft by the secret Wolverine Triple-Tanning Process. PLUS COMFORT—PLUS WEAR. The first time YOU wear a pair you, too, will give them a big hand and learn why millions of workers have switched to Wolverine Horsehide Hands. See your Wolverine dealer and take the coupon below with you.

WOLVERINE SHOE & TANNING CORPORATION—ROCKFORD, MICHIGAN

Writes 22,000 words without reloading

TO ALL WOLVERINE DEALERS:
Bearer is entitled to one Wolverite Mechanical Pencil FREE after presenting this coupon and inspecting or trying on a pair of Wolverine Horsehide Hands!

Name _____
Address _____
Town _____ State _____
Dealer Name _____ Dept. M-4910

SAFETY FIRST!! Do your buying from firms advertising in Wallaces' Farmer and Iowa Homestead. If you do not find in Wallaces' Farmer and Iowa Homestead the articles you want to buy, just let us know what you want and we will be glad to give you names of reliable firms.

SAVE UP TO 50%

ON FERTILIZING AND SEEDING COSTS!

WILL SPREAD
Wet Fertilizer
Hard Fertilizer
Green Fertilizer
Caked Fertilizer
Lumpy Fertilizer
Uniformly and Accurately Without Clogging

WITH EZEE FLOW

MONEY-BACK GUARANTEE to spread any fertilizer in any condition in exact amount . . . from 10 to 4,000 lbs. per Acre!

It spreads your fertilizer, lime, phosphate—broadcast or in bands—on surface or underground!*
It top-dresses your pasture!
It side-dresses your row crops!*
It sows your small grains, legumes, grasses . . . uniformly, accurately!
It spreads weed chemicals, insect baits!
It saves you fertilizer and seed, money and labor, time and temper!

YOU GET MANY IMPLEMENTS FOR THE PRICE OF ONE!

*Optional.
(Available in 5, 8, 10 and 14 Foot Models)

"World's Best Spreader"

EZEE FLOW
FERTILIZER APPLICATION EQUIPMENT

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Free Booklet!

Describes, pictures how EZEE FLOW can pay for itself 1st day of use. Packed with valuable soil improvement data. Get the most from your fertilizer and seed.

MAIL TODAY!

Power Production Co., Dept. WF-949
Chicago 3, Ill.
Send EZEE FLOW booklet without any obligation.

(Name)
(Address or R.F.D.)
(City) (County) (State)
I recommend the following dealer to handle EZEE FLOW in this locality:

SEE IT TODAY AT YOUR LOCAL CARGILL DEALER'S

CARGILL FARM SUPPLY
MINNEAPOLIS, MINN.

IN UPPER MIDWEST DIST. ONLY BY CARGILL

CASWELL Hydraulic LOADER

"THE ORIGINAL IS STILL THE BEST"
The FIRST in the field, the CASWELL is economical, simple and safe to operate. Completely modern. Full line of attachments.

CASWELL SNOW SCOOP

Leads All In Exclusive PATENTED FEATURES
1. Patented LEVER CONTROL to tilt fork and control the dip.
2. Patented CURVED GUIDE to hold lift in line.
3. Patented CROSSED CHAINS lift evenly, no twisting.

Get rid of the snow easily. Use a CASWELL SNOW and GRAIN SCOOP. Get it Now.
SEE YOUR DEALE OR WRITE

CASWELL MANUFACTURING CO. Dept. 110 Cherokee, Iowa

Every Time You Sell
Buy U. S. Savings Bonds

Those Heavy Hogs Do You Dirt

Cheap Lard Drags Down Hog Prices—What Can Farmers Do To Prevent It?

LARD is a drug on the market. Fat hogs sell cheap. What can farmers do about it?

H. H. Kildee, of Iowa State College, has several suggestions. One is to get a marketing system which pays for hogs on the basis of quality. He says we need:

"To establish and recognize by price differentials a logical system of grading market hogs on foot, or

"To pay for hogs on a basis of actual carcass value and quality, as is done in Canada and in a limited manner by some packers in the United States."

H. H. Kildee says farmers can not be expected to raise lighter and meatier hogs until the market pays for them.

Professor Kildee also urges more effort to expand export markets for lard, and a lot more work by packers to make and sell better grades of lard.

"Some packers are putting out a very superior lard, which has been fortified with an anti-oxident," he says.

"These packers are to be commended . . ." Kildee says. "The competitive position of lard would be much enhanced if all lard were as good as that being marketed by several of the packers."

Kildee summarizes the lard problem in this way:

"In the years 1910-19, the average price of lard in the United States was 40 per cent higher than the average price of hogs. During the 1947-48 period, lard was 35 per cent below the average price of hogs. In recent months, lard has been selling for about one-half the price of live hogs."

Why has lard slipped in price? Here are some of the reasons:

1. The average market hog produces enough pork to meet the per capita consumption of two people and enough lard to meet the per capita consumption of three people.

2. During and since the war, we have greatly increased the production of crops high in oil content, such as soybeans, flax and peanuts. Soybeans yield approximately nine pounds of oil per bushel, or 175 to 225 pounds per acre.

3. The present production and supply of animal fats and vegetable oils are far in excess of domestic and apparent export needs in the years ahead.

The following increases in production are indicated for 1949:

Lard	**21 pct.**
Cottonseed oil	**19 pct.**
Soybean oil	**182 pct.**
Tallow and grease	**19 pct.**

4. Imports of vegetable oils have been greatly increased, and exceed to a marked extent our exports of lard.

5. "Shortening boosters" have cut demand for all shortening by baking industry.

6. Synthetic detergents have reduced demand for tallow and grease by the soap industry.

To improve the position of lard on the market, Professor Kildee suggests:

1. Producers should adjust numbers, weights and time of marketing more closely to the market demands.

2. Improve type, weight and finish of market hogs with increased emphasis upon the leaner cuts of pork that best meet consumer preferences.

But Kildee adds:

"No systematic program of improvement can be made effective until producers are given a price differential for hogs of superior value."

That's why he wants sales by carcass grade or a much better system of grading hogs on foot.

A hopeful sign in this direction, according to Professor Kildee, is a move by some packers to follow the lead of Dr. Fred Beard of the Livestock Branch, Production and Marketing Administration.

Beard has announced and is planning a trial, in some plants, of a new schedule of slaughter grades which consider (1) the ratio of lean to fat cuts, and (2) the quality of the meat in the cuts.

Farmers who cooperate in the experiments of packers along this line will be helping to meet the problem of too much lard.

LARD DROPS

Lard used to be 40 per cent higher than hog prices. Now lard is only half the hog price.

What's happened?

Prof. H. H. Kildee, of Iowa State College, outlines the problem in this article.

He says we need market hogs with more lean, less fat. But he adds:

"No systematic program of improvement can be made effective until producers are given a price differential for hogs of superior value."

"We bring our sows into heat in from 3 to 8 days after injecting Gonadin. With the control Gonadin gives us on breeding, we can bring pigs in at the dates we select. We plan our sales 4 months ahead now."

Gonadin*—CUTTER . . . is a sex stimulating hormone. GONADIN can save you time and money by helping you control breeding cycles and enabling you to breed for farrowing at the most desirable time.

Ask your veterinarian about GONADIN's labor and money-saving advantages.

CUTTER LABORATORIES
111 North Canal • Chicago • Illinois

CUTTER GONADIN
*Reg. U. S. Patent Office

Unload in 2 Minutes!

with LITTLE GIANT DUMP BODY HOIST

Low Cost - Easy to Install

Takes the *heavy work* out of unloading — gets the job done *fast*! Any farmer, trucker, etc. can afford one. Fits all trucks — all beds. Simple to attach — you can do it yourself. Does not change the chassis in any way. No hydraulic cylinder to adjust and service — LITTLE GIANT works equally well in hot or cold weather. Easy-crank operation. Only $70 *and up*. More LITTLE GIANTS in use than any other. *Absolutely guaranteed*. Write for details and prices.

LITTLE GIANT PRODUCTS, INC.
1558 N. Adams St., Peoria, Ill.

GROUND FEED
Produces Meat and Milk at
LOWER COST

Good grinding increases feed value up to 100% . . . animals eat more, waste less . . . feed goes further.

GEHL GRIND-ALL HAMMER MILLS have long been famous for quality grinding . . . faster, cleaner cutting, sturdy construction. *Big capacity* with *less power* . . . positive feed, no clogging. 4-way reversible, swinging hammers.

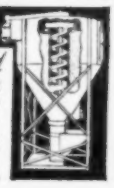
A REAL 4-WAY MILL

1-Plain Hammer Mill. 2-Mill with Ear-Corn Crusher-Feeder. 3-Mill with Cutter-head (first it cuts, then it grinds). 4-Combination Cutter, Grain and Roughage Mill with Self-Feeder. WRITE for literature and name of nearest dealer.

GEHL Manufacturers of Hammer Mills, Hay Chopper-Silo Fillers, Truck-Mounted Mills, and Forage Harvesters.

GEHL BROS. MFG. CO., Dept HN-180 West Bend, Wis.
Since 1859
There's Nothing Better Than a Gehl!

SAVE UP TO $16 a Ton



BROWER Whirlwind FEED MIXER

Easy to use. 3 sizes . . . mixes 700 to 3000 lb. batches in 10 minutes. All steel, lasts for years. Over 8000 in use. WRITE for catalog today.

EASY TERMS

BROWER MFG. CO., Box 8362, Quincy, Ill.

Research Points

To Study Value Of Soda For Hogs

An experimental program to determine the value of bicarbonate of soda in hog feeding will be conducted this fall at Iowa State College.

The experiment will be made by Damon Catron and C. C. Culbertson, and will be aimed at determining whether the feeding of soda produces benefits in the growth of hogs. And whether there will be harmful effects when 1 per cent of the ration is soda.

The research is sponsored by the National Mineral Feeds Association, thru a grant from Wyandotte Chemical Corporation.

Electronic Scale For Livestock

An electronic scale for the weighing of livestock at public markets has been developed under the direction of the Production and Marketing Administration, USDA.

The new scale, permitting greater accuracy and speed, and eliminating nearly all possibility of error, was developed by an aircraft instrument company.

It measures the weight of livestock thru electrical impulses. When "told" to do so, it prints the weight, number, type of animal, names of weigher and seller, and time of weighing on scale ticket.

It is accurate to within 5 pounds on loads up to 16 tons.

Borax May Help Alfalfa

When alfalfa takes on an abnormal coloring, the shape of the plants will tell if lack of boron is causing the trouble, says E. E. Barnes, of the Ohio experiment station.

If boron is lacking, the top buds on many plants die. The plants do not grow taller. However, the branches keep on going, and the plants get short and bushy. Usually they are yellow or purple.

Applications of 25 pounds of borax per acre restores the plants to health.

Usually, second and third cuttings of alfalfa are the ones affected. Sometimes new seeding shows the trouble in late summer.

"She's sweet and lovely, and can milk 16 cows to my 12."

HAVE YOUR FEEDING METHODS KEPT PACE WITH PROGRESS?

FREE New KENT FEEDING PROGRAMS
TO HELP YOU MAKE MORE MONEY!

Agriculture has made many advances in the last 25 years. The science of livestock and poultry feeding has made great strides, too. The new KENT Feeding Programs incorporating the latest findings of feeding research will show you how to improve your feeding practices so you can make more money. KENT Feeding Programs explain in detail what you need to feed with your own grain and hay to make your animals produce most profitably.

The scientifically blended supplements included in the KENT Feeding Programs supply everything you can't grow on your farm. They are made from wholesome, highly nutritious ingredients — no fillers of any kind are used. KENT Feeds fed in proper proportions with your home grown feeds will help you make more money.

Write for your copies of these programs today. Just fill in the coupon and mark the booklets you want. Paste on a penny postcard if you wish.

FREE BOOKLETS ON FEEDING

See your local KENT dealer for further details regarding these programs.

MISSISSIPPI VALLEY GRAIN & FEED CO., INC.
Muscatine, Ia. Sioux City, Ia.

KENT FEEDS
Dept. WF Box 308
Muscatine, Iowa

Send me a FREE copy of the feeding programs checked below — without obligating me in any way.

☐ Beef ☐ Dairy ☐ Swine ☐ Poultry

NAME _____

RFD ____ TOWN _____ STATE _____

TWO advanced new features save time and labor when you use low-cost

CROSS CORN SHELLERS

You can rely on CROSS for:

- LARGE CAPACITY. 200 BPH hand-picked or 100-125 BPH machine-picked corn.
- EASY LOADING. Low, sloping hopper with wide opening in handy reach.
- CLOG-FREE ACTION. Husks and cobs cannot jam outlet and delay operations.
- CLEAN OUTPUT. Cross-originated device removes dust, silks, bits of waste.
- LONG SERVICE. Cross reversible shelling cylinder doubles life of outfit.
- COB DELIVERY. 12-foot elevator trough swivels in full arc right and left.

Now you gain extra advantages of full, *direct-drive power* and *easy mobility* with CROSS Corn Shellers. These popular outfits for average-size farms get more work done with less effort and at hefty savings. Power Take-off and Transport Attachment are adaptable to all tractors. Sheller lowers quickly to skids for shelling or raises to wheels for moving. Ready to use *anywhere — at any time*. No belt to line up. No staking down. Ask your farm equipment dealer for full details, or write for folder.

The RED CROSS Manufacturing Corp., Bluffton, Indiana
MAKERS OF DEPENDABLE FARM EQUIPMENT SINCE 1898

—SAVE MONEY THE EASY WAY—BUY SAVINGS BONDS NOW—

SAVE TIME...SAVE MONEY!
Put up a *permanent* Ranch-Type Home yourself...
THIS FALL!

The home pictured here is one of 10 different, attractive, permanent PEASE-FABRICATED Homes. You and the boys can easily put it up yourselves . . . like many others are doing . . . for less than you think!

PEASE-FABRICATED HOMES
are Beautiful - Permanent - Inexpensive

These homes are made of selected materials . . . kiln dried lumber. They are pre-fabricated—the hard work being done in the factory. You can put them up yourself in almost any kind of weather, because PEASE-FABRICATED Homes go under roof quickly . . . no tricky fittings to slow you up.

The complete, easy-to-understand plans save you architect's fees. And craftsmen, working on high-speed machines, cut—bevel—notch—frame-up and assemble the sections in less than one-third the usual "on the job" construction time. This saves you plenty of carpentry work, and eliminates material waste. Roof trusses come as complete units, making the hardest job easy. So now, if you can use a hammer—you can put up a perfect—permanent home yourself . . . it is fitting.

ACT NOW . . . PUT UP YOUR HOME THIS FALL!

PEASE-FABRICATED Homes are rigidly inspected . . . from start to finish. They come to you in one package, ready to go up. They may be insulated for any climate. You can choose from a wide variety of outside wall coverings, etc., and have a permanent home . . . this FALL or WINTER.

LEARN ABOUT PEASE-FABRICATED HOMES TODAY

The Pease Woodwork Company is a well-known, highly respected organization. Since 1893 it has demonstrated its honesty, efficiency and desire to keep prices DOWN. PEASE-FABRICATED Homes meet FHA and VA Minimum Property Requirements in most areas, making mortgage loans readily available.

Our 148 page Book contains plans, pictures and prices of PEASE-FABRICATED Homes, as well as a complete line of Building Materials for the American farmer.

Send a penny postcard, now, to Pease Woodwork Company, Cincinnati 23, Ohio. Just print your name and mail address and say "Please send me your Free 148 Page Book as advertised in WALLACES' FARMER AND IOWA HOMESTEAD."

SEND FOR THIS 148 PAGE BOOK NOW...

IT'S FREE

PEASE
WOODWORK COMPANY
INCORPORATED
Blue Rock and Turrill Sts., Northside
CINCINNATI

Workday Pointers

EARLY PICKING will save corn in corn borer damaged fields.

▲ ▲ ▲

SHELLED CORN needs only half the space required to store ear corn.

▲ ▲ ▲

RAT DAMAGE is much less in shelled corn as compared with ear corn.

▲ ▲ ▲

HOG FLU is a respiratory disease. Keep affected hogs away from drafts, dust and dampness.

▲ ▲ ▲

DUST IS BAD for man or beast. It's time to get the summer accumulation out of the hog house.

▲ ▲ ▲

GROUND CORN COBS are being used for hog bedding by many farmers. Use new, clean cobs, and grind coarsely.

▲ ▲ ▲

FARM MACHINES equipped with rubber tires should be blocked up thru the winter, to take the weight off the tires.

▲ ▲ ▲

IMPLEMENTS for which your farm affords no shelter can be protected thru the winter by a tarpaulin or a temporary roof of some other material.

▲ ▲ ▲

GREASE PROTECTS your plowshares, but a grease covering on rubber is destructive. Clean the rubber tires on your farm machines when you put them away for the winter.

▲ ▲ ▲

A BIG FILL just before weighing can add more than a dollar per 100 pounds to the cost of feeder cattle. A big fill can also make you think the cattle are smoother than they are.

▲ ▲ ▲

FEEDER CATTLE need rest after a long trip. A dry lot with plenty of hay and a tank full of water gives them the rest and gives you a chance to look them over every day for signs of any disease.

▲ ▲ ▲

IF DITCHES cross water supply pipes, check to see that washing has not caused pipes to be exposed to winter freezing. Straw, spoiled hay or old corn cobs over the exposed place will prevent frozen pipes.

▲ ▲ ▲

HOG GAINS show big profits at present feed and live-hog prices. But if the hog market goes down, the loss on the original weight of a 200-pound hog might wipe out the profit. For example, a 200-pound hog brings $40 at $20 per hundred. A 225-pound hog brings $40.50 at $18. You get 50 cents for the feed.

▲ ▲ ▲

POISON FROM SUDAN grass and sorghum may be in the new shoots that come up from the ground before or after frost, according to experiments at the Wisconsin station. They tried to poison cows with full-grown sudan and sorghum that had been frosted, but the cows didn't die. G. Bostedt and H. H. Hull, of the station, suggest that you look out for the short growth of less than 12 inches. It may be poisonous whether frosted or not.

SEDIMENT TRAPS under fuel tanks on cars and trucks should be drained before cold weather comes.

▲ ▲ ▲

THE MAN with the shovel is likely to say that floors under corn pay whether the corn is to be fed or sold.

▲ ▲ ▲

HOGS IN CORN FIELDS should have water as close to the field as possible. Protein feed, if self-fed, should be right in the field.

▲ ▲ ▲

HOG-TIGHT corn fields will save a lot of corn borer damage. The biggest damage from borers is broken stalks and dropped ears.

▲ ▲ ▲

FILL BEARINGS with grease when you put a machine away for the winter. The grease keeps water and dirt out of the bearings.

▲ ▲ ▲

WHEN YOU GET a new machine of any kind, read the instruction book from cover to cover. Then put the book away for further reference. This is particularly important when the new machine is a tractor, combine or corn picker. These machines have a lot of parts that require careful adjustment for good work.

▲ ▲ ▲

THERE'S STILL TIME to start pasture improvement operations this fall. Apply lime if needed, and work it into the soil on closely grazed blue grass. Some use the disk to tear up the sod. Shallow plowing also gives good results.

▲ ▲ ▲

EARLY-HUSKED CORN must be drier than late-husked corn. Warm days in October might make corn spoil if the moisture content is above 20 per cent. On December 1, cool weather would make 20 per cent moisture corn safe from spoiling.

▲ ▲ ▲

POLE CONSTRUCTION cuts the cost of farm buildings, including cribs. By using treated poles, the pole barn or crib will last almost as long as the frame building on a foundation. But pole construction requires plenty of bracing. And the weight of hay or grain must rest directly on the ground.

▲ ▲ ▲

PREMIUMS for extra dry beans under the PMA loan and purchase agreements can be as much as 6 cents per bushel. Here are the support prices at different moisture levels: $2.11 for 14 per cent moisture beans; $2.12 for 13.9 to 13.7 per cent moisture; $2.13 between 12.8 and 13.2 per cent; $2.14 between 12.3 and 12.7; $2.15 between 11.8 and 12.2; $2.16 between 11.3 and 11.7, and $2.17 for beans with less than 11.3 per cent moisture.

WORM PIGS in 1 DAY!

NEW, EASY HERD TREATMENT

SOLD EVERYWHERE
DR. LEGEAR MEDICINE CO.
St. Louis 16, Missouri

NEW Duplex HYDRAULIC SCOOP.. AND REVERSIBLE BULLDOZER & SNOWPLOW

For hydraulic equipped tractors. Hand lift model also available.

With this hydraulic scoop, you can dig, deliver, place more dirt faster, easier.

Write Today for Details and Literature
DUPLEX MANUFACTURING CO., Dept. A-3
21st and Locust Sts., East Omaha, Nebraska

Only $498

OTTAWA Mule Team Tractor

Finest low-cost tractor. Costs too little to do without. Engines burn gasoline or kerosene. Starter and lights available. Other larger Models to choose from. Over 4,000 in world-wide use. Time-proved, tested. At low cost they easily mow, plow, disc harrow, plant, cultivate, etc. Sold only direct to user. FREE details.
OTTAWA MFG. CO., 2-907 Garden St., Ottawa, Kan.

Buy Bonds Now

UNLOADS FASTER THAN YOU CAN LOAD!
The Original
RECKER
Two-Way Speed Reducer
U.S. Pat. App. For

Unloads All Types of Farm Crops in 3 to 8 Minutes and Returns Endgate to Front in 6 Seconds. Simple Attachment Fits All Width Boxes.
AVAILABLE FOR IMMEDIATE DELIVERY
ALL ORDERS HANDLED PROMPTLY
For FREE literature—Fill in coupon below and mail.
F. B. RECKER CO., Dept. WF
Hopkinton, Iowa
Please send literature and name of nearest dealer. I farm ..... acres. Have Field Chopper ☐ Combine ☐ Corn Picker ☐
Name .....
Address ..... State .....
Wanted—Distributors, Dealers and Salesmen—Write
F. B. RECKER CO.
HOPKINTON, IOWA

Clip Cows Regularly With
Sunbeam
STEWART
CLIPMASTER

NEW
More Powerful Motor . . . 25% greater speed
CLIPS Cows, Horses Mules, Dogs, faster, better
Clip your animals the fast, easy way with the new Sunbeam Stewart electric Clipmaster. It's the clipper with the quiet, 30% more powerful, air-cooled, ball-bearing motor inside the cool Easy-Grip handle. Has anti-friction tension control that assures perfect tension between blades and provides easy adjustment. $32.50. Write for information on Sunbeam Stewart clipping equipment.
SUNBEAM CORPORATION
(formerly Chicago Flexible Shaft Company)
Dept. 101, 5600 W. Roosevelt Rd., Chicago 50, Ill.

CHAMPION PORTABLE MILL
For Sale or Lease

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Service Bureau

How Protect His Interests?

To the Editor: I recently bought a farm, delivery date March 1, 1950. How should I protect my interests in case the buildings burn down before next March? — N. G., Chickasaw County, Iowa.

Probably the simplest way to protect yourself would be for you to carry insurance on the buildings. You have an insurable interest in them since you purchased the farm.

It is, of course, the responsibility of the man who sold you the farm to carry adequate insurance on the buildings. He would be liable to you in damages if he failed to deliver under the contract. But it may be simpler for you to take out insurance on the buildings yourself.

Neighbor's Hogs Get Into Corn

To the Editor: My neighbor's hogs have been breaking out lately. Then they come across the road into my corn field. They are taking quite a bit of corn. Can I get damages from my neighbor?—M. R., Union County, Iowa.

The owner of the hogs would be liable to you in damages. You can enforce this liability by holding the hogs until the damages are paid.

Harvest Of Crop Ends Lease

To the Editor: I rent some of the ground on my neighbor's farm. After the oats were combined, he clipped the stubble, baled it and hauled it away for hay. Did he, as landlord, have a right to do this?—O. O., Ringgold County, Iowa.

Where a person is merely cropping the land and not occupying it, his lease expires with the harvesting of crops. So, if the oats were combined, your rights as a tenant ceased. The landlord would have a right to anything growing on the land after the crop was taken off.

"Is there anything I could do, George?"

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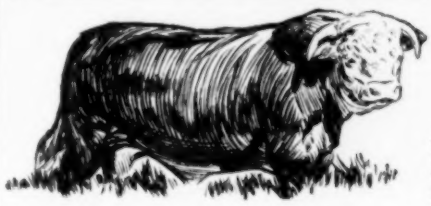

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Exercise Makes Quality Pork

Purdue Tests Show Less Fat, Harder Carcasses When Hogs Are Exercised

ONE of the old questions that faces hog raisers is concerned with exercise. Do hogs that are kept penned up gain faster; do they eat less feed per pound of gain; do they have better carcasses.

C. M. Vestal and E. R. Barrick, Purdue University animal husbandrymen, have some of the answers. They announced the results of four years of tests at the Purdue Swine Field Day, on September 16.

Here is what they did: Each year, 15 hogs were confined in a small feed lot; 15 more were confined, but driven half a mile twice a day until they weighed 150 pounds, and then kept totally confined; 15 more were given the mile-a-day exercise until they weighed 225 pounds.

Here are the results:

Dressing percentage of all three lots was about the same. However, the back-fat on the hogs finished in confinement was 5 per cent thicker than on the hogs driven a mile a day until they went to market.

The hogs which had been exercised also showed more firmness in their carcasses.

Carcass grades for 59 hogs in the third lot showed 41 "hard," 15 "medium" and 3 "medium soft." It was the same story for 15 hogs that ranged in a corn field — 10 "hard," 3 "medium hard" and 2 "medium soft."

Of the 59 raised in confinement, only 29 carcasses graded "hard," 23 "medium hard" and 7 "medium soft."

What does this mean to you today? Not much right now. If hogs are ever sold on carcass grade, so you receive a premium for a high-quality carcass with a high percentage of lean meat, it is something to remember.

No one wants that extra 5 per cent of back fat, either. And packers like that "hard" carcass. But you can't tell what you are getting by looking at a live hog.

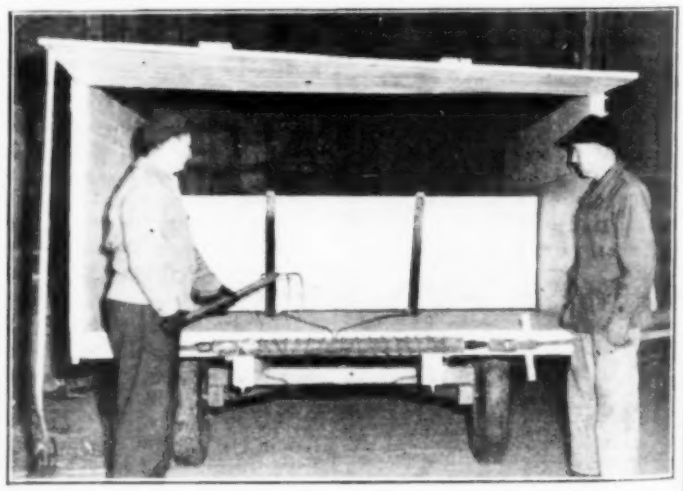
Combination on foot-carcass barrow contests with packer buyers for judges proves that.

How about the rate of gain and feed consumption on hogs driven a mile a day?

Vestal and Barrick found very little difference in feed consumption for the three lots. Each lot required almost the same amount of feed per pound of gain. But with some "time" difference in favor of the confined hogs.

The less hogs were exercised, the more they ate and the faster they grew. This doesn't mean you shouldn't grow hogs on good pasture.

The extra nutrition in legume pasture is important in your total feed bill. And you get better quality, leaner. It may be that some day you will get paid a premium for that.



Chopped hay unloads easily with system used by Art Svee and nephew, Orville Kvam, Goodhue county, Minnesota. False end-gate at front of wagon is pulled back by cables that wind up on rod at rear. The hay or silage is pushed into hopper, blown into mow or silo. Power is furnished by half horsepower electric motor (at right), that operates thru an old stoker unit and a universal joint. It is mounted on a frame made of welded channel irons in the form of a wheel-barrow, making the outfit easy to move around. Svee and Kvam have three such wagons, each one 8x14 feet and mounted on rubber-tired wheels.

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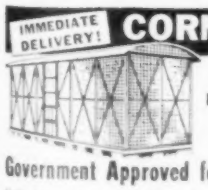

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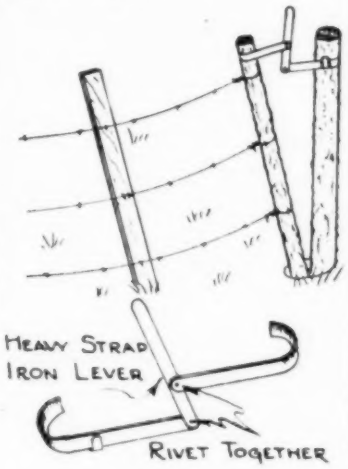
HANDI-HINTS

Fastener Keeps Gates Tight



Here is a handy gate lock and tightener for a barbed wire or woven wire gate. It is made of any fairly heavy strap iron with the two bent hooks large enough to hook around the posts. Hooks should be set five to six inches apart on the bar.

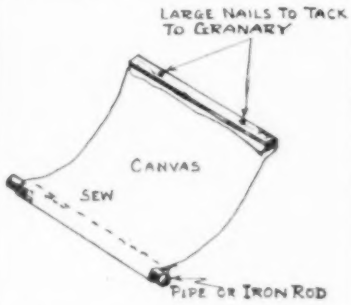
You can use the tightener as shown in the illustration. Or you can use one at the top and one at the bottom to keep the gate extra tight.

How To Loosen Rusty Screws

Put a drop of penetrating or other oil on the head. Let stand a few minutes. Then if the screw doesn't turn, hold the point of a hot rod or soldering iron against the head for a minute or two.

The screw will then loosen and turn easily. Caution: If the screw head is in a finished surface, be careful not to let the point slip or remain too long.

Shoveling Apron Saves Grain



When you scoop grain from a bin to a truck or from a truck to a wagon, you can save a lot of spilled grain with a shoveling apron.

Nail one side of a piece of canvas between two laths, and clinch the nails. Drive two sixpenny nails thru the laths, so they can be tacked to the side of the bin or wagon box.

On the opposite side of the canvas, sew or wire a piece of pipe or strap-iron heavy enough to keep the canvas from sagging when the grain is spilled on it. The apron can be rolled up quickly and carried around easily.

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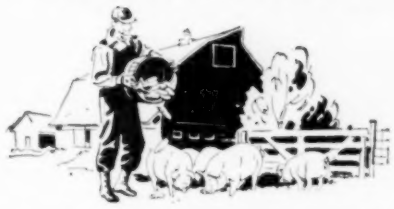

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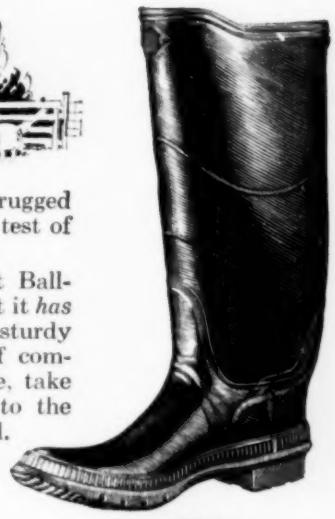

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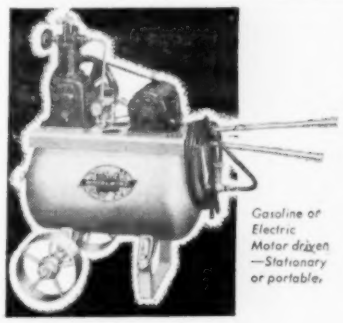

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Homemaking Department

Edited by **ZOE MURPHY**

Pheasants, rabbits or any wild game can make delicious and exciting meals.

Wild Game Dinners

HOW do you feel when your husband or the boys bring home a rabbit, several squirrels or a pheasant for you to cook? Do you think longingly of the pork roast that's in the icebox all ready to slip into the oven? Or do you feel that this is a chance to have a delicious and different kind of a meal for a change?

Perhaps if you insist that the menfolks clean and dress the game as well as kill it, you will enjoy the preparation and serving of this game to a greater degree.

Wild game not only has a food value that is equal to domestic animals, but the flavor is unusual and exciting. You know, of course, that game should be drawn and cleaned as soon as possible after it is shot. Game should be kept at a cool temperature—32 to 45 degrees—until it is to be cooked. All game is better if allowed to hang for a couple of days to season.

If your husband brings home a pheasant as soon as the season opens, how are you going to cook it? Young birds can be cooked successfully by any recipe that is good for chicken.

But, if there is any doubt in your mind about the age of the bird, why not try baking it? Here is a recipe that brings out the best flavor in any pheasant.

BAKED PHEASANT

Clean and cut up the bird for frying. Wipe thoroly, dip in flour, and brown in butter in a frying-pan. Place in a roaster and sprinkle well with salt and pepper.

Put enough sweet or sour cream in the pan to make a depth of one inch. Add one-eighth pound of butter for each bird. Cover and bake at 300 degrees for about two hours. Make a gravy in the drippings and cover the bird before serving.

If you like your pheasants roasted, you will find it's a good idea to add extra fat in the form of bacon, salt pork or fresh side-meat. To keep the breast from drying out, you can roast the birds with the breast-side down. Be sure to baste often.

ROAST PHEASANT

Place a cleaned pheasant in a roasting pan and pour one quart of boiling water over it and into the cavity. Place a cup of chopped celery and one chopped onion in the bird. Or you can use a favorite dressing if you like.

Rub generously with salt and pepper. Lay four strips of bacon or salt pork over the breast and roast the bird in a 350-degree oven for two hours or until it's tender. Baste often.

BROILED SQUIRREL

If the boys don't bring home pheasants, they are pretty sure to present you with some rabbits or squirrels before the season is over. Squirrels are among the finest and most tender of all small game animals. They also have a mild game flavor.

Broiled squirrel is particularly delicious. It's best to split the carcass in half, brush the pieces with butter, and season with salt and pepper.

Broil at moderate heat in a broiler. Brown both sides and baste frequently with drippings for one-half to one hour. Meat should be well done. Remove to a heated platter, season again with butter and serve at once.

SMOTHERED RABBIT OR SQUIRREL

Have at hand two rabbits or squirrels, one teaspoon salt, one-eighth teaspoon pepper, a dash of paprika, one-half cup flour, one-fourth cup drippings, one-half cup sliced onion, one sprig parsley and one cup light cream.

Cut the rabbits or squirrels in pieces for serving. Dredge in seasoned flour and brown in the drippings in the dutch oven. Scatter the onion and minced parsley over the pieces and add the cream. Cover tightly and simmer over low heat for one and one-half hours, or until the meat is tender. Remove the pieces to a heated platter, pour gravy over meat and sprinkle lightly with paprika.

RABBIT PIE

Cut a rabbit into serving pieces and soak in equal parts of vinegar and water for twelve hours before cooking. Sprinkle with salt and pepper, and dredge with flour. Sear quickly in a frying-pan.

Add water to cover and simmer slowly in a covered pot for one and one-half hours. Add two onions, two carrots and two or three potatoes, all cut into pieces. Cook until the vegetables are done.

Thicken the stew with flour. Put in a greased baking dish and cover top with pie crust or biscuit dough. Return to oven and bake until the dough is done.

DUTCH OVEN QUAILS

Quails, too, are delicious, and have as delicate a flavor as any game bird known. Dutch oven quails are easy to prepare and excellent to eat.

Roll the quails in equal parts of cornmeal and flour, seasoned with salt and pepper. Have a moderate amount of grease or drippings in a dutch oven. Then brown the birds quickly on both sides, add a little water, and let simmer.

ROAST WILD DUCK

Perhaps no other game meat is more tempting than roast wild duck. First, clean and wipe the ducks dry. Sprinkle generously with flour, salt and pepper. Place a whole peeled onion inside each duck and put them in a self-basting roaster. With toothpicks, fasten two or three strips of bacon across each bird.

Or you can stuff ducks with a wild-rice dressing, made by boiling wild rice and seasoning it with salt and pepper and chopped onion, or any other favorite dressing.

Cover the bottom of the roaster with water. Cover the ducks tightly and roast at 350 degrees for one and one-half to two hours, depending on the size of the ducks. Remove the cover of the roaster the last 15 minutes, so the birds can brown.

COUNTRY AIR

By ELIZABETH C. WHERRY

LAST summer, I set out to read some of the old books I had missed. Being a Thomas Hardy fan, it was easy to start on "Tess of the D'Urbervilles." I marked a lot of passages I haven't space to quote—nudging little pictures that say what you've always wanted said about some view or season.

* * *

But poor Tess! If ever a girl rode all the bad breaks, it was Tess. Sometimes I felt like shaking her, but mostly I was sunk with inevitability. With Tess' loyalty, ignorance, inexperience and innate kindness, things just could not be different.

* * *

It's the best yarn I've read for years. I didn't feel as tho Hardy really wrote the story. He just dreamed up a set of rural English characters, and they wrote the story themselves.

* * *

They created the story out of their stupidity, self-righteousness, or their sins. Because of their personalities, there just weren't any other answers to the situations they got themselves into. The climax for unlucky Tess is like a blow in the solar plexus to the reader.

* * *

Next came "Wuthering Heights"—also rural England of the last century—by Emily Bronte. Years ago, some Country Air reader wrote me about the book, saying:

* * *

"There wasn't a single redeeming character in the story," which is exactly true, but not in the way our modern authors create characters without any redeeming qualities.

* * *

The thing that fascinates me most about "Wuthering Heights" is the author. How could a spinster in a sheltered parsonage draw such vivid pictures. Surely, she couldn't have known first-hand about the dark characteristics of such people as she portrays.

* * *

From a point of view of literary excellence, much is to be desired, but if you're a frustrated old maid with an imagination not limited by the experiences of life, go to it. Maybe you have a great novel in your system.

Because I've long thought that I should do Count Tolstoy a little honor, I embarked upon "Anna Karenina." Frankly, girls, it's just a lot of good gossip sessions — but what sessions!

* * *

It is no wonder that a sturdy, serious peasantry prevailed in a Russia so honeycombed by a nobility of questionable morals, wealth and intelligence.

* * *

As a picture of Czaristic Russia in the late 1800's, it is no doubt no more tortuous and involved than the life of the period really was.

* * *

But the men! Emotional creatures! Weeping all over the place; or carousing in artificial splendor. Bah!

* * *

However, when I reached the end of the second volume, I found I had developed a fondness for some of those people, and wished that Tolstoy had gone on for several hundred more pages.

* * *

For some reason, I've put the "Jalna" books aside from year to year, but while in Canada I started the series, tho I wish someone would name them for me in chronological order.

* * *

They tell a good story, are not too well written, and march a lively set of illogical people across the pages.

* * *

As a family chronicle, there are improbabilities, but they are no more amazing than lots of family affairs — just a little more condensed than you find in an average family.

* * *

Altho I'll wager many a mother has seen years when, if one more thing happened in her family—well, she just hoped it wouldn't.

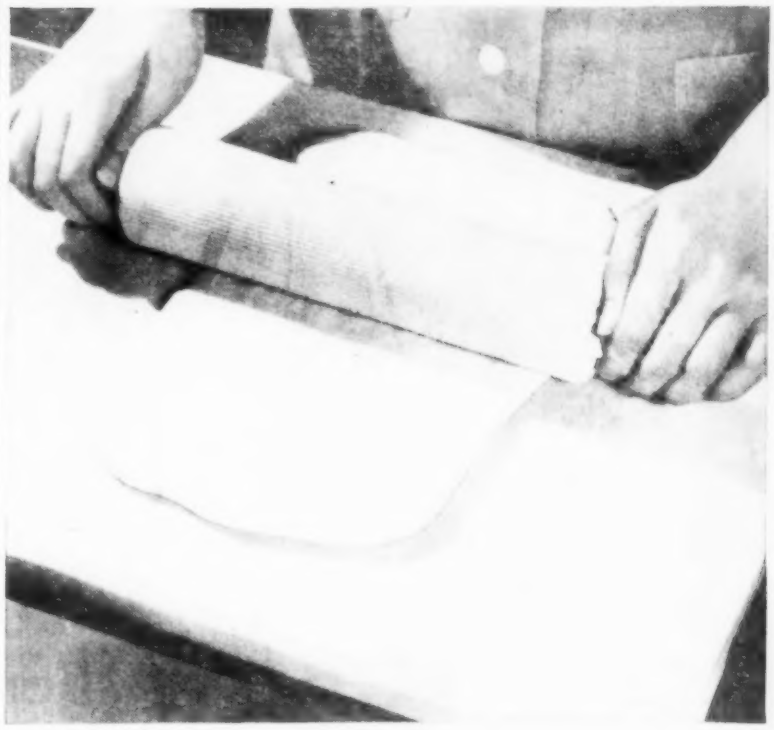
* * *

Of more recent books, the best two of the summer's reading were hard-bitten World War II books. "Mister Roberts," by Thomas Heggan, defies words for me—I just want to see the stage adaptation.

* * *

Basil Heatter, in "Dim View," is a bit Hemingwayish, but not very. I'm told the book was on the lists for summer courses in English in an eastern university.

"Quicker, Easier"-say Women of New Way to Make Better Bread!



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Hundreds and hundreds of women have written us remarks like these, telling how thrilled they were when they tried this wonderful new Robin Hood "Rolled Dough" Method of baking bread. Nine out of ten women who've tried it say this exciting new method gives a perfect loaf every time.

The "Rolled Dough" Method was originated, developed and perfected by Rita Martin, famous home economist, for use with Robin Hood Flour. Because it was especially perfected for Robin Hood, no other flour will give you the same perfect results.

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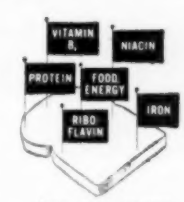

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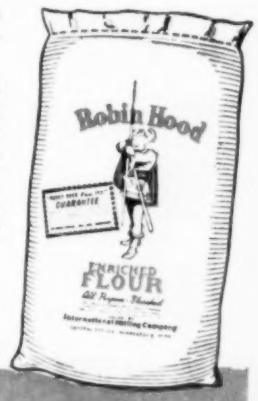

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"America's Fastest Growing Flour"

For Comfort In Any Weather

No. 1898—Cleverly styled youthful outfit with endless mix-match possibilities. Combine plain and printed fabrics. Sizes 10, 11, 12, 13, 14, 15, 16, 17, 18, 20.

No. 8474—Bands of bright contrast lend an air of importance to this junior frock. Short or long sleeves. Sizes 11, 12, 13, 14, 16 and 18.

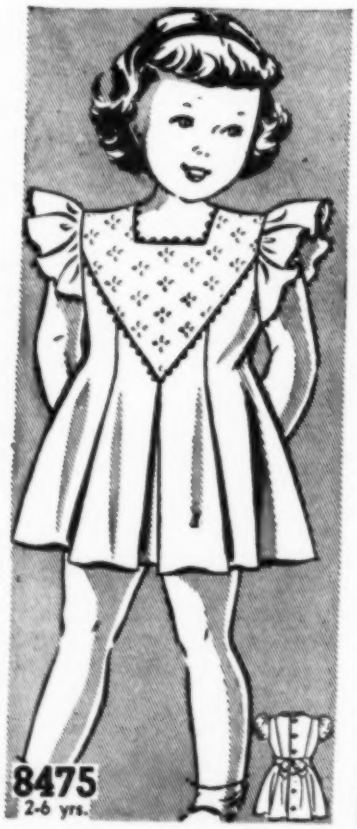
No. 1899—Here is just the thing to show off a lovely figure — a flattering dress for 'teen-agers, with diagonal interest. Sizes 11, 12, 13, 14, 16 and 18.

No. 1822—So simple and pretty you'll want to make several versions of this neatly tailored shirt-waister. Sizes 14, 16, 18, 20, 40, 42, 44 and 46.

No. 8319—Early morning charm for the busy homemaker—a crisp house-dress gaily trimmed with rick-rack. Sizes 32, 34, 36, 38, 40, 42, 44 and 46.

No. 1896—Nothing like a two-piecer for comfort and perfect fit. This one comes in a wide size range. For sizes 34, 36, 38, 40, 42, 44, 46 and 48.

No. 8475—To keep your cherub well dressed, an adorable little wing-sleeved dress with contrasting top. Sizes 2, 3, 4, 5 and 6 years.



No. 8330—A yoked dress nice enough for parties or special occasions. Sizes 4, 6, 8, 10 and 12 years.

No. 8264—Another style for the little belle. Has easy-to-make princess lines, tiny keyhole neckline. Sizes 6, 8, 10, 12, 14 years.

Patterns are 25c each, in coin or stamps—coin preferred. The big new FASHION Book is also 25c. You'll thoroly enjoy it. Send all orders for patterns or FASHION to Pattern Dept. of Wallaces' Farmer and Iowa Homestead Des Moines Iowa. CAUTION—Always give name and address when ordering.

They're sisters—both have red hair and freckles. They are daughters of Mr. and Mrs. Ed Parrish, of Adair county, Iowa.

Cleaning House In The Fall

It Goes Farther Than Just Dusting The Furniture And Mopping Up The Floors

GETTING ready for the winter ahead means more than just coal in the basement, or heating stoves set up, or the fuel oil barrel filled. The good housekeeper likes to start winter with a clean slate.

First, you like to be sure that pipes and chimneys are clean and tight. Let the man of the house play the role of inspector. He'll check the clean-out at the base of the chimney and see that soot and mortar scalings are removed.

He'll want to be sure the mortar joints are tight where the chimney joins the house—by inspecting in the attic, perhaps. Winter fires are too often caused by defective chimneys.

You like to start out with smoke-pipes that are clean and solid. Many have seen how fast rust can eat thru a furnace pipe in a damp basement, even tho it was clean of soot during the summer.

If you've had trouble with down-drafts from your chimney, maybe you'll want to try a special metal cap for the top, made to prevent this. Fins are arranged in such a way that air currents are deflected and don't go down the chimney.

Perhaps the heating unit itself needs attention. The furnace, for instance. Most furnaces have a smoke passage-way around the heat dome, in which fine ashes will settle. A clean-out door is provided where you can go in with a scraper and remove this deposit.

If yours is a fuel oil heater, the pot burner may require scraping to remove accumulated carbon.

The inside doesn't need to be polished. It's well to leave a little carbon there, to act as a wick. See that the oil pipe leading into the burner is open. Also remove the strainer on the fuel line and clean.

Now is a good time for that clean-up in the basement. You'll be down there more this winter. Use a sweeping compound while you're cleaning. It will help keep the dust down.

And don't be afraid to take the vacuum cleaner down there, too. It's made for getting dirt—and you'll probably find plenty on furnace pipes, joists and the like.

Maybe you'll want to do that basement paint job you've been considering. For mason-work walls that are inclined to be damp, a waterproof cement paint is now available.

You can even get material that's claimed to make cracks and joints water-tight, if you've had trouble on that score.

As you come up, take a look at the basement stairs. You'll be down and up them a lot of times before spring. Would they pass a safety examination? Is there a stair rail? Is the bottom step painted white? Is the light so placed that you can see your footing?

Well, thank goodness, the basement clean-up is finished. But what about the nooks and corners in the rest of the house? Are they harboring a lot of those insects and spiders that were so plentiful this summer?

Now's the time to make sure these pests don't remain as permanent winter guests. You'll first dig out those corners with the vacuum cleaner, broom and mop.

Spiders, moths, silver-fish, carpet beetles—all those you can control with DDT, according to Harold Gunderson, extension entomologist at Iowa State College.

(Gunderson's new bulletin on household pests is just off the press. Better send for it. Address Bulletin Office, Agricultural Annex, Iowa State College, Ames.)

Better paint on the DDT liquid, or use the 3½-gallon knapsack-type sprayer (first being sure the tank is clean and dry).

Spray all woodwork, baseboards especially, and cracks where insects like to hide. Carpet beetles are hardest to get. Most houses have double floors, and the beetles get down there to hide. But DDT around the edge of the floor will help to provide a barrier against them.

Betty Crocker suggests:

"AS-YOU-LIKE-IT" CAKE

easy to make... thrifty too!

"THREE-WAY ICING LETS FOLKS CHOOSE THEIR FAVORITE•FLAVOR!"
Betty Crocker

FOR SUCCESS *do these first:*

1. Have *all* ingredients room temperature.
2. *Preheat* oven to 350° (moderate).
3. Grease *generously* and dust with flour one square pan, 9x9x2-in.
4. Measure *level* for accuracy with standard measuring cups and spoons.
5. *Sift* GOLD MEDAL *"Kitchen-tested"* Enriched Flour, then spoon *lightly* into cup and level off. *Do not pack.*

Sift together into bowl..
- 1⅔ cups (1¼ cups plus 2 tbsp.) *sifted* GOLD MEDAL *"Kitchen-tested"* Enriched Flour
- 1 cup sugar
- *2 tsp. double-action baking powder
- *½ tsp. salt

Add.....
- **⅓ cup high grade shortening
- ⅔ cup milk
- 1 tsp. flavoring

Beat vigorously with spoon for 2 minutes by clock (about 150 strokes per minute). You may rest a moment when beating by hand; just count actual beating time or strokes. *Or* mix with electric mixer on *medium speed* for 2 minutes. Scrape sides and bottom of bowl constantly.

Add.....¼ to ⅓ cup unbeaten egg (1 large)

Continue beating 2 more minutes, scraping bowl constantly. Pour batter into prepared pan. Bake *30 to 35 minutes* in *moderate oven* (350°). When cake is cool, frost as directed with 3-Way Icing (*recipe below*).

*If you use Gold Medal Self-Rising Flour (sold in parts of the South) omit baking powder and salt.
**Such as Crisco, Spry, Swift'ning or Snowdrift.

3-WAY ICING

Mix together until smooth *3 cups sifted confectioners' sugar, ¼ tbsp. cream* and *½ tsp. vanilla.* If necessary, a little more cream may be added for right consistency to spread on cake. Divide into 3 parts. To first part, add *1 sq. unsweetened chocolate (1 oz.), melted.* To second part, add *grated rind of 1 orange plus a few drops of orange food coloring.* Leave third part plain. Mark cake in thirds, and frost each third with one of the icings. Sprinkle chopped nuts over section frosted with the plain icing.

If you live at an altitude over 3000 ft., write Betty Crocker, General Mills, Minneapolis, Minn., for recipe adjustments. Specify recipe wanted.

"Betty Crocker" and "Kitchen-tested" are reg. trademarks of General Mills

● There's a secret to satisfying hearty farm appetites! That secret is Gold Medal *"Kitchen-tested"* Enriched Flour *and* the Betty Crocker recipes which are developed to take advantage of Gold Medal's *uniformly* superb baking qualities. Women everywhere know these qualities never vary. That's why more sacks of Gold Medal Flour are bought than the next 5 brands combined.

Use Gold Medal for everything you bake. And remember, each sack contains a folder of tested Betty Crocker recipes. In addition there's a valuable silverware coupon you can use to help build a complete set of beautiful Queen Bess pattern silverware. Gold Medal comes in big, thrifty, family-size sacks of 25, 50 and 100 pounds. Order your winter's supply now.

General Mills

SAVE THE SACK

Gold Medal's 50 and 100 pound size sacks are made of fine quality white cambric. Table cloths, dish towels and pillow cases are but a few of the many items you can make from these serviceable sacks. Simply soak in water 2 or 3 minutes to remove printed bands.

MORE SACKS OF GOLD MEDAL *"Kitchen-tested"* FLOUR ARE BOUGHT THAN THE NEXT 5 BRANDS COMBINED!

Dessert Thrill!

GRAPE CREAM PIE

made the PHILGAS way!

½ cup granulated sugar
6 tablesp. cornstarch
¼ teasp. salt
1 tablesp. grated lemon rind
½ teasp. cinnamon
2½ cups grape juice
1 tablesp. lemon juice
1 baked 9" pie shell
½ cup heavy cream, whipped

(1) Combine sugar, cornstarch, salt, lemon rind and cinnamon in saucepan. Add grape juice. Cook, stirring, over low heat—with Philgas you can control heat to a fine degree—till small amount mounds slightly when dropped from spoon. Add lemon juice. Chill till thick. (2) Make 9" pie shell, cool. (3) Put grape mixture in pie shell; top with cream.

PHILGAS FOR FARM AND SUBURBAN HOMES

It's fun to whip up mealtime successes with Philgas helping you! This bottle gas brings city cooking convenience to homes beyond the reach of city gas mains. Yes, helpful Philgas lets you forget all the messy chores connected with old-fashioned stoves.

Your Philgas dealer has a complete selection of ranges, refrigerators and water heaters. Stop in and see them. Prices are thrifty, and easy time payments can be arranged if you wish. Your Philgas dealer takes care of all installation details. With Philgas, your fuel supply is right on your premises, safe from sleet, lightning and high winds. And that's a comforting thought, with winter just ahead.

PHILGAS—"THE FLAME THAT IS MORE THAN MAGIC"

For full information about Philgas and Philgas appliances write: Phillips Petroleum Company, Des Moines Division, Hubbell Building, Des Moines 8, Iowa

PHILLIPS PETROLEUM COMPANY

SALES DEPARTMENT — Philgas Division

Listen to the "Phillips 66 National Barn Dance" Saturday night on your ABC station.

Pony is a good way to impress city cousins, says Larry Becher, son of Lorance Becher, Webster county, Iowa. Here, Larry handles the reins as Silver Lady performs for Carol and Michael Riess, New Ulm, Minn.

"My Father Was An Irishman"

An Iowa Farm Woman Recalls the Salty Speech Which Her Irish Father Used

THE stark poverty and crassness of my grandchildren's speech arouses nothing in me so much as a feeling of profound regret that the salty idiom of my girlhood has passed away.

I can never hear my little granddaughter say (as she often does), "Did I burn up?" or "Isn't he the cat's pajamas?" without thinking back with a feeling of nostalgia for the so much more picturesque speech of my early Irish-American home.

Father was born in County Tyrone, Ireland, near Strabane, Newton Stewart. Possibly that fact accounts for his fondness for pointed phrases and quaint sayings packed with a world of meaning.

"Many's the time" my childish fits of insurrection have been quelled instantly by his threat to send for John Makepeace.

How was I to know that "Jawn" and the long switch from the lilac bush were one and the same?

Father came to this country in a sailing vessel just after the terrible potato famine in that county in the 1840's. Something of his early privations may be seen in his rebuke to us for complaining of the simple fare we sometimes had.

"In Ireland," he would assert, "they fry rocks in butter to make gravy." His rule for a boiled egg would enable any housewife to give satisfaction: "If the egg is too hard, soften it with butter, and if it is too soft, harden it with butter."

"Live, horse, and you'll eat oats" was the expression with which he chided us for promises too readily made and then not kept.

I used to feel sorry for the poor beast to which the Irish peasant spoke these words, thereby hoping to encourage the creature to live on until harvest time came again.

My watchful parents could not be fooled. When our feet took the wayward path, all protestations of innocence were useless. Father knew very well just what we had been up to, and he would silence us completely by remarking: "It's not for nawthin' that the bird whistles."

(Perhaps I should say for those not of Irish extraction that a bird is a bird that never whistles until it finds a choice morsel.)

When a good girl got married to some no-account fellow or one in no sense worthy of her, Father would deplore the wedding by saying: "Oh, that one should stoop so low to lift so little!"

And he would apply the same expression to little acts of meanness or petty revenge on our part.

My father lived to be ninety-six years old. He used to say that he wanted to live to be a hundred, and I can hear him right now saying, with an engaging smile, that he thought he would—if he got good care.

He was fond of poetry, and until the end could repeat verses learned in his long-past youth. Most of these had to do with the martyrdom of the Scotch Covenanters.

Father was no singer, but he loved to sing. The chief singer in the old country church complained that his voice did not harmonize with the choir, that he sang a high soprano.

Father said he was infinitely obliged to her, that he had never known before what part he did sing. And he kept on singing.

More than twenty years ago we laid Father to rest by the side of Mother in the dooryard of the little church they built and loved as they loved their own children. Yet sometimes, when I am very weary and confused, I hear Father singing.—Susie M. H. Greef, Hardin County, Iowa.

COOKERY CORNER

CHOCOLATE FROSTING FOR CHOCOLATE CAKE

1 cup sugar
½ cup sweet or sour cream
1 tablespoon cocoa or baker's chocolate
1 teaspoon vanilla

Boil until it makes a soft ball in cold water. Remove from fire and beat to a consistency to spread. Raisins can be added or marshmallows cut up and put on warm cake. Then pour over the chocolate frosting. — Mrs. W. C. Pathrese, Sac County, Iowa.

WHOLE WHEAT ROLLS

½ cake compressed yeast
1 cup lukewarm water
1 cup scalded milk
1½ tablespoons sugar
2½ teaspoons salt
2¾ cups flour
2¾ cups whole wheat flour
1 tablespoon melted shortening

Soften yeast in one-fourth cup of lukewarm water. Combine milk and rest of water and add sugar and salt. When milk solution is lukewarm, add yeast mixture. Sift white flour once and measure. Measure whole wheat flour and blend the two together. Add half of the flour mixture and beat thoroly.

Add shortening and blend. Add just enough of the remaining flour to make a dough that is stiff enough to knead. Knead thoroly for 10 minutes.

Let rise in warm place (80 degrees) until double in bulk. Punch dough down and let it rise until it is double in size again: then mold into rolls. Let rise until lighter than for bread.

Bake about 20 minutes in a 400-degree oven.—Mrs. Fred R. Lamp, Polk County, Iowa.

OATMEAL APPLE CRISP

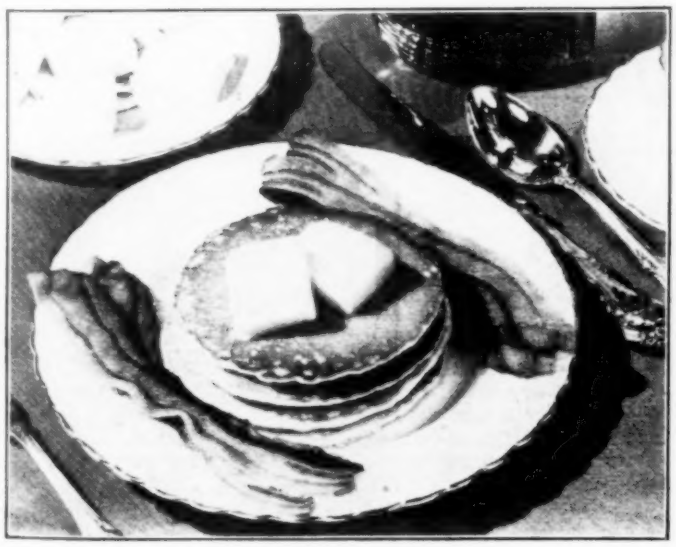
1 pie crust
4 to 6 sliced apples
¾ cup brown sugar
¾ cup quick-cooking oatmeal
1 cup flour
½ cup butter
Pinch salt

Make pie crust. Arrange apples in baking dish. Combine oatmeal, salt and sugar. Cut butter into flour and mix. Sprinkle mixture over apples and pat slightly. Bake 335 minutes in a moderate oven. Serve warm with cream.

BARBECUED FRANKFURTERS

1 cup tomato sauce
¼ cup molasses
2 teaspoons Worcestershire sauce
¼ cup vinegar
1 tablespoon bottled horseradish
2 tablespoons dry mustard
¾ teaspoon salt
¼ teaspoon pepper
½ cup minced onion
1 pound frankfurters

In a large skillet or saucepan combine all ingredients except the frankfurters. Bring to a boil. Arrange frankfurters in hot sauce and simmer 10 minutes, basting and turning occasionally. Serve on long buns. Makes four or five servings.—Genievia I. Cole, Polk County, Iowa.



Basic Griddle Cake Recipe

2 cups sifted all-purpose flour
3 teaspoons baking powder
2 tablespoons sugar
1½ teaspoons salt
4 tablespoons fat
2 eggs, beaten
1½ cups milk, vary with thickness desired

Sift flour, baking powder, sugar and salt together. Cut in the fat as for biscuit or pastry. Combine the beaten egg with milk and mix with the other ingredients just enough to moisten.

Follow manufacturer's instructions for preparing the griddle. Some are treated and require no fat. When griddle is hot, drop batter onto it from a tablespoon. Spread each cake lightly into a circle.

Cook on one side until puffed, full of bubbles and cooked on the edges. Then cook on the other side. This recipe makes 10 to 12 cakes about four inches in diameter. Stack and serve with a liberal supply of butter and jelly or syrup.

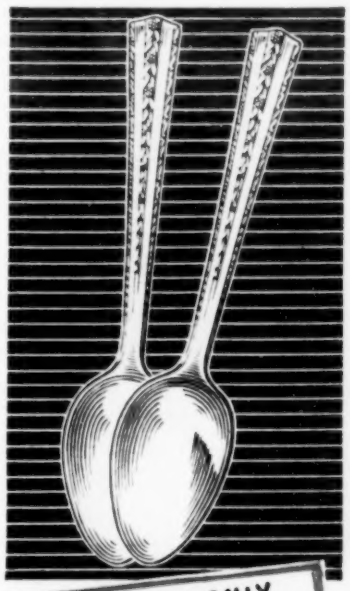
Good Things To Eat.....

by JEAN FOSTER

Besides "good things to eat" we all like to have good things to eat *with.* That's why I'm so sure you'll be pleased as punch with this opportunity to get really lovely silverware, *at less than wholesale prices,* simply by saving Mother's Best Silverware coupons!

Before you know it, you'll have a full set of this beautiful ROSANNE PATTERN . . . in Wallace's Knickerbocker AA Quality Silverplate. This silverware is plated with *50 per cent more silver* than Standard A-1 Plate. The pattern is very popular—sold in leading jewelry stores from coast to coast.

Every piece is GUARANTEED FOR LIFE by Wallace, who have been making fine silverware since 1835.



SPECIAL INTRODUCTORY OFFER

I want you to see this silverware and examine its fine quality and lovely pattern. So, as a special "get acquainted offer" I will send you, postpaid, two of the teaspoons. Simply send me the words "Mother's Best" from any size sack of Mother's Best Flour with 25c in coin.

Send today. I'll also enclose full details on how you can get a complete set quickly and easily. Send to JEAN FOSTER, Box 1217-W, Omaha, Nebraska.

BOTH FOR ONLY 25¢ and the words "Mother's Best" from any size sack of Mother's Best Flour

You'll be the "Apple of their eyes" with this APPLE SAUCE CAKE!

Here's a cake that's so easy to make, yet is so *differently delicious.* I'm sure that once you serve it to your family you'll have calls for it again and again.

It turns out so tall, tender and fine-grained when you make it with MOTHER'S BEST Enriched Flour. You'll be delighted at the way this extra fine, HARD WHEAT FLOUR blends so perfectly with other ingredients . . . gives all your cakes and other baked foods a smooth, even-texture and a goodness that really makes mouths water. Try it with this recipe for APPLE SAUCE CAKE . . . *see for yourself how wonderful Mother's Best Flour really is.*

INGREDIENTS

1⅓ cups sifted Mother's Best Flour
2 teaspoons baking powder
½ teaspoon salt
⅓ cup shortening
1 cup sugar
1 egg and 1 yolk
⅔ cup apple sauce
1 teaspoon lemon juice
⅓ teaspoon vanilla extract
1 cup chopped nuts

METHOD

1. Sift together flour, baking powder and salt.
2. Cream together shortening and sugar until light and fluffy. Add egg and egg yolk, mixing well. Add apple sauce, lemon juice and vanilla extract.
3. Add flour mixture, mixing only enough to moisten flour. Add nuts. Bake in greased pan, 8 x 8 x 2 inches in moderate oven (350°) 1 hour.

BROWN SUGAR FROSTING

⅓ cup brown sugar
¼ cup water
Dash salt
Dash cinnamon
1 egg white

Cook together sugar and water until syrup forms a soft ball in cold water (238° F). Add salt and cinnamon to egg white. Gradually add syrup to egg white beating constantly until mixture holds its shape. Makes enough for 1 cake 8 x 8 inches.

How folks love these Southern-style Pancakes.

I have always known that DIXIANNA PANCAKES were the best I had ever eaten, anywhere, and many friends have written to me that they agree. But here is REAL PROOF of the delicious flavor of these old southern-style hot cakes. We recently had an independent survey firm distribute packages of Dixianna Pancake Mix (in plain wrappers so they couldn't tell the brand) to families in two midwestern towns. Each family was asked to compare the plain wrapped mix to ANY OTHER brand of pancake mix.

When the tests were finished, 73% of the families said they liked DIXIANNA PANCAKE MIX better than the kind they had been using.

No matter what kind of pancakes you have been using, try Dixianna. You'll be amazed at how delicious they are. No other pancakes like them. Made from an old southern recipe that is really great. Ask your grocer for DIXIANNA . . . and save the SILVERWARE COUPONS that are on every package.

Mother's Best ENRICHED Flour

RED STAR Special Active DRY YEAST IS FASTER DISSOLVING

QUICK METHOD BREAD

3 packages Red Star Dry Yeast
¾ cup warm water
⅔ cup sugar
5 teaspoons salt
3¼ cups lukewarm water
11½ cups sifted flour
5 tablespoons shortening

Dissolve 3 packages Red Star Dry Yeast in ¾ cup warm water. Let stand 2 to 3 minutes. Place ⅔ cup sugar, salt and 3¼ cups water in a large bowl. Stir yeast solution thoroughly and add to this mixture. Add half the flour and beat well. Add melted and cooled shortening, stirring vigorously. Add remainder of flour, stirring until well mixed. Place dough on lightly floured board and knead 5 to 7 minutes. Shape into smooth ball and place in greased bowl. Brush top lightly with shortening. Cover and let rise in warm place for 45 minutes. Punch dough down; shape into loaves and place in greased pans. Brush tops of loaves lightly with shortening. Cover and let rise in warm place for 45 minutes. Bake in moderately hot oven (400° F.) for 50 minutes. Makes 4 loaves.

KEEPS FRESH FOR MONTHS WITHOUT REFRIGERATION

MAKES ANY RECIPE TASTE BETTER

RED STAR QUICK RISING DRY YEAST SPECIAL ACTIVE

Yes, here are 3 of the many reasons why you should use Red Star special active Dry Yeast. Get acquainted with Red Star . . . try this tested recipe today. You will agree that Red Star Dry Yeast saves kitchen time in any recipe.

RED RASPBERRY PIE

"QUICK AS A WINK!"

ASK FOR
NATIVE BRAND
RED RASPBERRY PIE MIX

Mm..mm—it's marvelous! Quick to make, too! Just pour from can into crust—bake—and it's done. The most delicious red, red raspberry pie you ever tasted! Ask your grocer.

NATIVE RASPBERRY PIE MIX

POPLAR CANNING CO.
POPLAR, WISCONSIN

Buy From Your Local Grocer--

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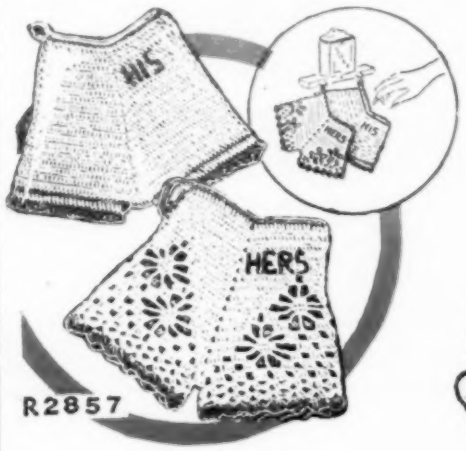
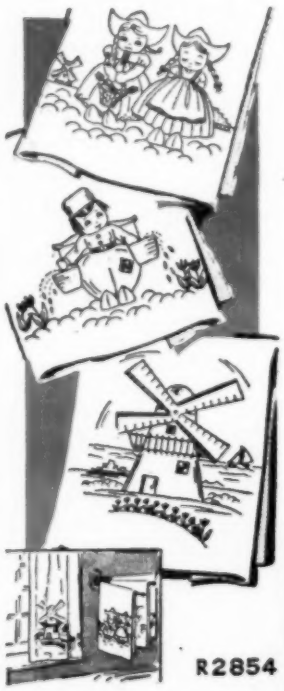
His store is filled with quality merchandise for your convenience. Personal courteous service is given you regardless of size of purchase. Your local merchants are in business to help you. Show your appreciation of this public service your LOCAL grocer gives in your neighborhood. Shop with your neighborhood grocer.

Bazaar Items



No. R-2857 — Crochet "Hers" in an openwork stitch and trim with a a shell edging. Make "His" trimly tailored with a striped border.

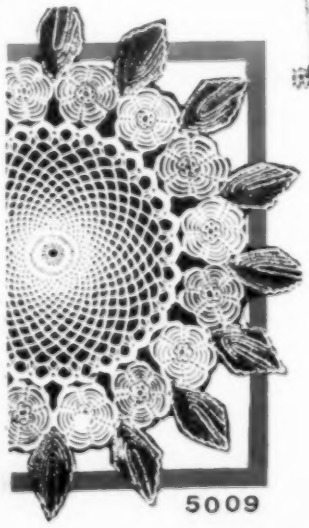
No. R-2633—This cute upside-down doll will keep any child amused for hours on end. Measuring 15 inches, the dolly has two faces, caps and skirts, joined at the waist. Hot iron transfer.



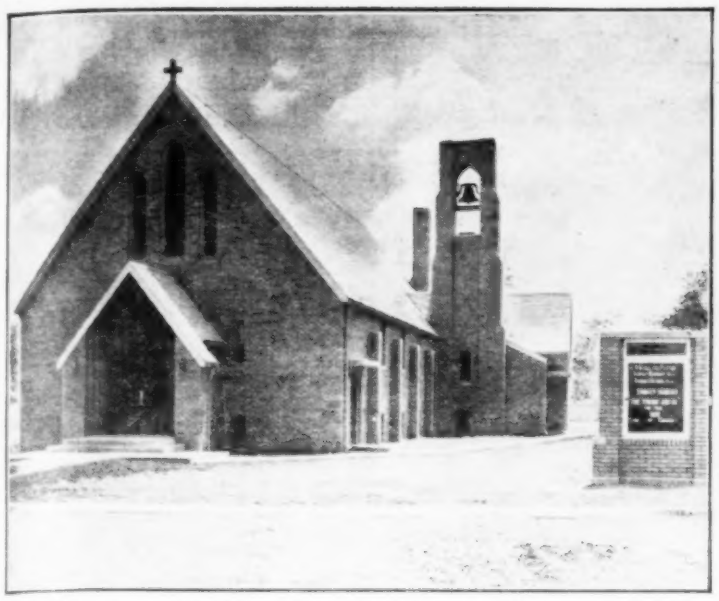
No. R-2854—The quaint charm of the "Land of the Windmill" is easily captured with your needle and these charming designs. Appealing figures and cheerful colors add much to kitchen towels, breakfast cloths, dinette curtains and nursery linens.

No. R-2856—Pretty pineapple motifs form the graceful skirt and enhance the delicacy of this embroidered figure and colorful floral wreath. Simple stitches—delightful shadings and a picture-pretty design add up to glamorous towel, pillowcase or runner decorations. Transfers for two 11x10-inch designs and complete crocheting instructions.

No. 5009—The charm of this distinctive doily is easily captured with just a few hours crocheting. Enchanting Irish roses and leaves are worked separately, then joined to a crisp white center.



Designs are 20 cents each, in coin or stamps, coin preferred. The New Fall and Winter FASHION Book is 25 cents. It is filled with valuable information and hints. Send all orders to Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa. CAUTION: Be sure to give your name and address every time you write.



St. John's Evangelical Lutheran Church, near Vincent, in Webster county, Iowa.

Farm Community Builds Church

Congregation Made Up Of Forty-Five Farm Families Builds A New Church

THE congregation of St. John's Lutheran Church, near Vincent, in Webster county, Iowa, has just finished its new church. The church was built at a cost of $65,000, plus 11,500 hours of donated labor.

The membership of this church is made up of 45 farm families. The men in these families did all types of work, from pouring concrete to finishing the interior. Their contributions made an estimated saving of about $25,000.

The members have reason to be proud of their new church. It is fully modern, and will serve the community for years to come. While the attendance now averages about a hundred each Sunday, the church is built to seat 250 people.

This is the third church building to serve the community in the last 72 years. The first church was erected in 1877. This building has been serving as a remodeled parish hall. Now it will be moved to Vincent to be converted into a house.

The second church was also a frame building, and was built in 1892. It had become too small to serve, so it was torn down and the material salvaged to use in the construction of the new church.

The ground-breaking ceremonies for the new church were held in April, 1948. The basement was completed first, and services were held there while the old church was being dismantled.

The new church is made of brick. It measures 83x34 feet, with a 34-foot chancel wing. The interior of the church is beautifully finished with art-glass windows, asphalt tile and carpet floor coverings. The woodwork is stained.

One of the special features of the church proper is the "mother's room." Here, mothers may keep their children during services, yet see and hear by means of a window and a loud-speaker system.

There is also a section where the hard-of-hearing may plug in their hearing-aids.

The church has a full-sized basement, featuring an auditorium, a dining-room and a sizable kitchen, as well as Sunday school quarters. Reverend Kabelitz has served this congregation for two years.

At a recent dedication service, the women of the church served 400 members and visitors a noon meal in the new dining-room. Members say that the church is two-thirds paid for already, and all by free-will contributions.

"Darn Those Socks!"

IS IT true what we hear nowadays, that at least a portion of the trouble on the great sea of matrimony is caused by wives neglecting to darn their husbands' socks, and socking their darn husbands instead?

Be that as it may, one can hardly blame a too-busy housewife for glaring resentfully at a mending basket piled high with socks, revealing gaping holes in heels and toes.

However, keeping the socks mended would take far less time and work if they were darned before holes appear.

Take note of where each individual wears holes in his socks first. It may be the heel, the toe or the side of the foot. Then reinforce these spots, using a soft, sturdy cotton thread, when they begin getting thin.

I find it a real economy in buying hose for myself to purchase two or three pairs of one color at one time. I then mark each group with a circle of colored embroidery floss at top of hem on the wrong side. It makes identifying the groups so much easier.—E. E.

AMAZING NEW RELIEF!

Relieves Croupy Coughs, Stuffiness of Colds With Every Single Breath!

Put a spoonful or 2 of Vicks VapoRub in a vaporizer or bowl of boiling water as directed in package. Then . . .

Breathe in the soothing vapors. They penetrate direct to cold-congested breathing passages.

Every single breath relieves coughing spasms, eases stuffiness . . . brings wonderful relief. Try it!

You mothers *know* what grand relief you get when you rub on Vicks VapoRub to relieve miseries of colds.

Now—whenever there's congestion in upper bronchial tubes—or if there's much coughing or stuffiness—use VapoRub this special way, too . . . *in steam!* It brings relief in a hurry!

To keep up the relief, rub VapoRub on throat, chest and back, too. It works for hours to bring relief . . . even while you sleep. Grand for children and grownups.

Use it in steam— Rub it on, too! VICKS ®VAPORUB

SPECIAL OFFER TO MOTHERS Get "YOUR CHILD FROM 1 TO 5"—a big new digest of articles on child care from Parents' Magazine specially edited for Vicks! Send name, address, 20¢ in coin, and a VapoRub boxtop to Premium Dept. 70 Box 1813, Greensboro, N. C.

Siegler 5-way automatic furnace type oil heater gives you

$2.00 OF OIL HEAT FOR 92¢!

Before you buy any oil heater... open the door and look inside!

ONLY IN SIEGLER WILL YOU FIND THE

"TWO-IN-ONE HEATMAKER"

THE HEATER WITH THE HEAT TUBES!

Double the heating surface... Double the heat forced from every single drop of oil

FREE—TROPICAL FLOOR HEAT!

MONEY BACK GUARANTEE

If your Siegler oil heater doesn't deliver more and hotter heat over the floor than ANY comparable size heater regardless of make or price, you get your money back.

Compare Siegler with *any* oil heater . . . regardless of make or price! 1. Tip it . . . Siegler is much sturdier . . . built to last! 2. Try scratching the finish . . . Siegler's isn't paint . . . *it's lifetime porcelain!* Open the door, look inside . . . Siegler has the exclusive "Two-In-One Heatmaker," an *extra* Tubular heater! Patented, built-in features make possible $2 of oil heat for only 92¢! And Siegler heats 5-ways! Circulating heat off the top; Radiating heat off sides, front and back; Ankle high heat over the floors; Furnace-volume heat throughout the house; Automatic uniform heat through patented Sieglermatic Draft!

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Sensational introductory offer! Send snapshot or negative this ad, and 10c. We'll send you a beautiful 7x5" enlargement! Or, Kodak roll developed and printed (with free coupon) only 25c; or 8 giant prints from roll, 30c. Reprints from negatives—any quantity—regular size, 3c; Giant size, 4c, satisfaction guaranteed. Immediate delivery. No delay. Write for Free Mailers, Free Premium offers. AMERICAN STUDIOS, Dept. 342, LaCrosse, Wis.

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Sell Christmas cards. Beautiful $1.00 box costs you 50c. Large selections Nationally known brands. Also plastic metallic cards, gift wraps, stationery, imprints and gifts. Complete lists free. Our 25th year. Sotie Mfg. Co., 3151 Nicollet Ave., Minneapolis 8, Minn.

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TWO BEAUTIFUL PRINTS from each picture on roll, 30c. Twenty-eight years of satisfied customers. Quick service. LENS PHOTOS, Dept. C-1 Janesville, Wis.

TELL THE ADVERTISER that you are writing him through his advertisement in WALLACES' FARMER AND IOWA HOMESTEAD.

You'll find the recipe for this Delicious Apple Pudding below.

Delicious Apple Desserts

Here Are Ways Of Serving Apples That Are Sure To Make A Hit With Your Family

Most of our fruits have a season. There's the strawberry season, blackberry, peach, etc. But there's no beginning or end to the apple season. That's one reason apples are always one of the most popular fruits.

The old saying about an apple a day didn't just come out of the air—it's really one of those bits of wisdom that have been handed down thru the generations. For apples are good for us—they have vitamins and make delicious and nutritious desserts.

If you want to make a hit with your family, why not try some of these tasty desserts?

APPLE PIE

1 double pie crust
5 rather tart apples
1 cup sugar
1 tablespoon flour
1 tablespoon butter
Cinnamon
1 cup grated cheese

Make double pie crust. Arrange apples in lower crust. Sprinkle sugar and flour over them. Dot with butter and add a dash of cinnamon. Put on top crust. Sprinkle one tablespoon sugar over top and bake 45 minutes in a moderate oven. Just before serving, sprinkle grated cheese over top. Best when served slightly warm. Some time try spreading slightly sweetened cottage cheese over top. You'll find it "super."

DELICIOUS APPLE PUDDING

6 to 8 apples
⅓ cup flour
⅔ cup sugar
⅓ cup butter
½ teaspoon cinnamon
½ cup water
¼ cup orange juice

Peel the apples about half-way down and take out the centers. Arrange in a baking dish. Mix together the flour, sugar, fat and cinnamon to form a crumbly mixture. Fill centers of apples with the crumb mixture and sprinkle remaining crumbs over top, pressing down around the peeled section to form a crust. Add the water and orange juice. Bake uncovered in a moderate oven for 45 minutes. Serve with the following dessert sauce:

½ cup butter
1 cup sugar, either white or brown
¾ cup milk or light cream

Melt the fat, add the cream and sugar, and cook for about 10 minutes over very low heat.

BEST-EVER APPLE PUDDING

2 cups sliced apples
½ cup sugar
Pinch salt
1 teaspoon baking powder
¾ cup flour
¼ cup water
1 well-beaten egg
Cinnamon cream

Mix egg, flour, water, salt and baking powder and beat until very light. Put layer of sliced apples in shallow baking dish. Add one-half cup sugar. Pour batter over the apples and bake 20 to 30 minutes. Serve warm with cinnamon cream. This is delicious using fresh red cherries in place of apples. In that case, omit cinnamon in cream.

DE LUXE APPLE SALAD

2 cups cooked macaroni
1 cup bananas
1 cup apples
1 cup marshmallows
1 cup California grapes
½ cup nutmeats
1 cup dates
1 cup cream

Whip one cup cream. Sweeten and flavor with a little vanilla. Fold thru fruits and chill. Serve cold.

DELICIOUS APPLE TORTE

Mix together two large apples, diced fine, three-fourths cup sugar, one egg, one teaspoon baking powder and a pinch of salt. Then add one teaspoon cinnamon, one-half cup flour and one-fourth cup of chopped nutmeats. Put in a baking dish and bake about 35 minutes. Serve with whipped cream.

"NO LONGER NERVOUS!"

Switching to Famous Cereal Drink Brings Natural Relief

Jittery?... Irritable? . . . Can't enjoy life fully? . . . People everywhere—people who once suffered just as you do—have found the answer in switching from coffee and tea to POSTUM.

EXAMPLE: A woman in New York City writes this sincere and moving letter: "My switch to POSTUM has given me a *new lease on life!* I no longer fear the sleepless nights and the nervous tired feeling that made life a bore!"

SCIENTIFIC FACTS: Both coffee and tea contain *caffein* — a drug — a nerve stimulant! So while many people can drink coffee or tea without ill-effect, others suffer nervousness, indigestion, sleepless nights. But POSTUM contains no caffein or other drug—nothing that can possibly cause nervousness, indigestion, sleeplessness!

MAKE THIS TEST: Buy INSTANT POSTUM today—drink POSTUM exclusively for 30 days. See if POSTUM doesn't help you, too, to sleep better, feel better, enjoy life more! . . . INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran. A Product of General Foods.

Specially milled FROM CHOICEST BLENDED WHEAT

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Personal Problems

TELL THE CHILD

DEAR LUCILE: If a child has been adopted, do you think he should be told, and when?—Undecided.

UNDECIDED: I think that an adopted child should be brought up knowing that he is adopted. As soon as he has developed any understanding, his mother should often say to him: "You're a very special little boy, Billy—you've been adopted."

Then, when he wants to know what that means, tell him he was wanted so much that he was selected from many little boys and girls to be your very own.

This gives him a shield against the day when some child may say in a down-his-nose manner: "You were adopted!" The adopted child can beat other children to that. "I'm adopted!" he can tell them, with real pride.

I may be wrong, but this is my opinion. We'd like to hear from parents of adopted children who handled the situation so that no unhappiness resulted to either party.

SLUMBER PARTIES

DEAR LUCILE: I go to high school in town, and every once in a while one of my girl friends has a slumber party. About six of us stay all night with her, and we're a pretty noisy bunch—playing records, raiding the ice-box and talking until 2 o'clock in the morning. The parents of the girls where I've been didn't object.

Now, I want to have the girls come out to my house, and my mother is willing, but I just know my father will bawl us out if we carry on like the girls are used to. He says he has to get up early to milk and do his chores, and must have his sleep. I think it wouldn't hurt him just once.—Mary Lou.

MARY LOU: Of course, your father is right. And staying up until 2 o'clock raiding the ice-box, chattering and giggling, doesn't do anybody any real good.

But high school girls love to do it, so I think the best thing for your father to do is to take a good, strong sleeping pill, plug his ears, shut the door to his room and grumble the night away.

Fathers have done this ever since girls started having slumber parties. Mother's soothing words, pleadings and pokes in the ribs are about all that have often restrained some fathers from murder!

Warn your father, and have the girls out. He wouldn't want to spoil your fun or popularity really—if he's an average indulgent father. Of course, if he's a regular old bear, give it up altogether. You wouldn't want to be really embarrassed before your friends by him.

TO MAKE SPENDING MONEY

DEAR LUCILE: Please tell me some part-time jobs at which I can earn extra spending money.—Anxious Betty.

ANXIOUS BETTY: I have so often said that I have no commercial firms to recommend who would give you work to do at home.

My advice is to do what is at hand—baby-sit; sew; raise chickens; run a roadside stand for fruit, flowers and vegetables; wash, iron or clean for others; get a clerking or telephone exchange job.

The selling of your services right around home is likely to be more successful than to look afield for something that sounds promising but too often ends in disappointment.

BUYING THINGS FOR THE HOME

DEAR LUCILE: I'm engaged to a young man, and we plan to be married in about a year. His father is building us a house on the farm, and Bill is putting his money into it, plus some improvements he thinks will make farming more profitable.

I have some money saved, and will have more by the time we are married, as I have a good job. I want to take my money and furnish the house nicely. Bill doesn't want me to. Says we'll get along without much until he can pay for everything. I think this is silly. What do you think?—Likes-Nice-Things.

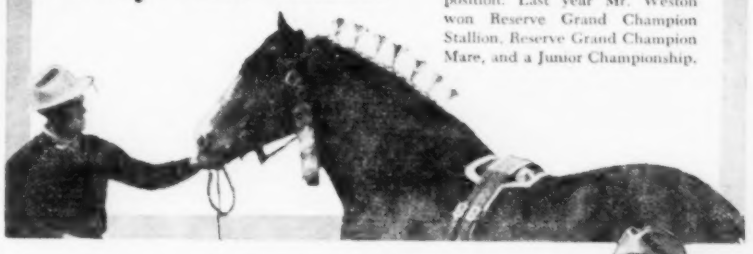
L-K-N: A lot depends on Bill's disposition or temperament. Some men feel inadequate and unmanly to have their wives foot any part of the bills. If Bill is such a character, you might have a lot of trouble with him over this furnishing project.

Personally, I think it's silly, too. If you have the money, what better way to invest it than in things for the home? Depriving you of this pleasure, and making you start in probably with family castoffs will be robbing you of a part of your bridal happiness.

CHESTER WESTON

Many-Time Winner

Test congratulates Mr. Weston of Concord, Michigan, on Oakwood Grand Champion Stallion of the 1948 International Livestock Exposition. Last year Mr. Weston won Reserve Grand Champion Stallion, Reserve Grand Champion Mare, and a Junior Championship.



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Tailored for Comfort and fit

Yes sir, comfort fit and long wear are "built in" Test overalls. They are made of heavy duty 8 ounce denim, reinforced where wear hits the hardest! Front and hip pockets are double lined and double stitched. Scientifically graduated sizes to fit men of every type build. Sanforized* so they'll always stay the size you bought them.

TEST MATCHED SETS

. . . winners for long wear, good looks, at "down-to-earth" prices.

*Maximum shrinkage under 1%

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3 Big Values

Now BABY'S FIRST SHOES BRONZED

$1 per shoe

Preserved for LIFE!

Have a permanent remembrance of your baby's most lovable days. Order Bronzed Baby Shoes NOW to treasure forever as a lifetime keepsake. These low prices MAY NEVER BE REPEATED.

EASY TO ORDER: Wrap your baby's shoes, enclose your choice of models. (Negative when ordering picture frame) and mail to us. Prompt delivery. Satisfaction guaranteed or your money refunded.

Paper-Weight (unmounted) $1 per shoe

Ash Tray (2 shoes mounted) $2 complete

Picture Frame 5x7 photo enlargement of favorite negative $3 complete

SPECIAL OFFER

Order TWO shoes bronzed and we mount them both FREE on beautiful black walnut base with gleaming crystal ashtray—ALL for only $2.

Order TWO shoes bronzed and we'll mount both on a beautiful black walnut picture frame for only $4 and our GIFT to you is a full 5x7 enlargement of your favorite picture of your baby. No photos can be enlarged. You MUST send negative.

Think of it . . . two shoes bronzed and mounted on genuine black walnut picture frame, PLUS 5x7 enlargement of your favorite baby picture, all for only $5. Your baby's first name imprinted in gold or silver letters on picture frame base for 50c extra.

MEMORY SHOE CORPORATION
5501 S. 36th St., Omaha 7, Nebr.

SEND NO MONEY—SATISFACTION GUARANTEED

Memory Shoe Corporation, Dept. H1
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Gentlemen: Enclosed find baby shoes. I am checking Memory Shoe Offer I want sent to me C. O. D.

☐ Two shoes bronzed, on walnut picture frame, 5x7 enlargement. I enclose negative, will pay Postman $4 plus C. O. D. postage.
☐ Two shoes bronzed on walnut base with crystal ashtray. I will pay postman $2 plus C. O. D. postage.
☐ One shoe bronzed as paper weight. I will pay postman $1 plus C. O. D. postage.
☐ I also want baby's name in gold or silver on picture frame base as checked below. I will pay postman extra.

Name
Address
City State
Baby's first name Gold ☐ Silver ☐
(Send cash and we pay postage)

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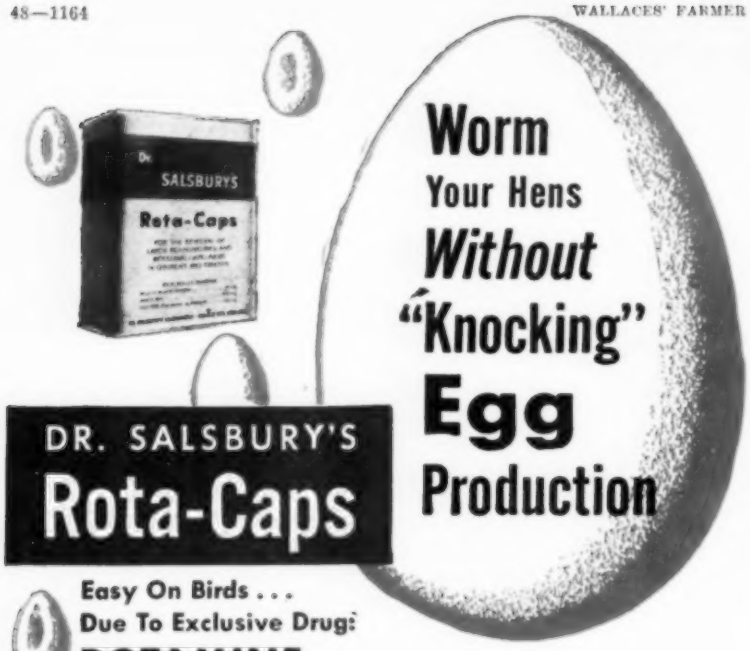


Worm Your Hens *Without* "Knocking" Egg Production

DR. SALSBURY'S
Rota-Caps

Easy On Birds . . . Due To Exclusive Drug: ROTAMINE

• Individual Treatment. Removes Large Roundworms and Intestinal Capillaria Worms.

Rota-Caps get the worming job done quickly, effectively. They don't make birds sick because they contain Rotamine—Dr. Salsbury's exclusive compound of worm removing drugs that prevents toxic after-shock.

Individual treatment is easy to give. Rota-Caps are preferred 5 to 1 among poultry raisers. For greater egg production worm your birds with Dr. Salsbury's Rota-Caps . . . the only poultry wormer containing Rotamine. Buy at hatchery, drug or feed store.

Prefer A *Flock* Wormer? Use Dr. Salsbury's WORMIX

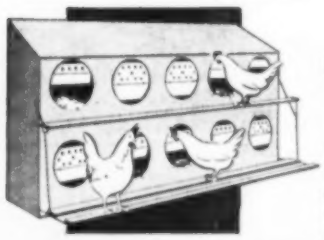
Easy-to-use. You simply hand-mix and sprinkle on top of feed. Costs less than a cent a bird in the average flock. Removes large roundworms and cecal worms.

When you need poultry medicines, ask for

DR. SALSBURY'S LABORATORIES
Charles City, Iowa

Dr. SALSBURY'S

For More Profitable Hens



DR. SALSBURY'S **Avi-Tab**
Special Drug Formula

For birds that "don't seem to do their best," use Avi-Tab. This special drug formula has helped many such birds in thousands of flocks. Watch them "perk-up" . . . combs and wattles become redder. Easily used in mash. Packaged for every size flock. Buy Avi-Tab, today. At hatchery, drug and feed stores.

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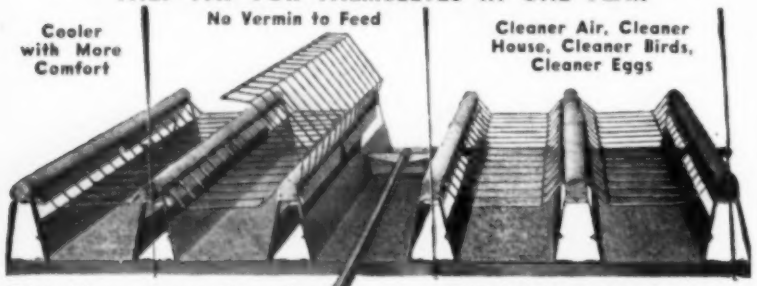
VERMIN-PROOF VENTILATED POULTRY ROOSTS
THEY PAY FOR THEMSELVES IN ONE YEAR



20% More House Capacity
50% Less Care and Attention

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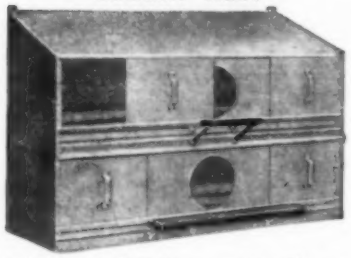
Eliminate vermin and disease. Increase Production at Lower Cost. Ventilated spaces and Kerosene Reservoirs insure healthier birds—easy to install—easy to clean—satisfying the trade for over 20 years. Guaranteed to please. Write at once.

Mention inside measurements of house and number of birds housed.

THE NEW PROTECTO COLONY NEST



IN ADDITION . . . Here is the newest and best in laying nests. COST LESS, at least ⅓ less than other group nests of equal capacity. Illustration will accommodate 100 hens. HIGHEST QUALITY . . . made of 24 and 26 ga. gal. steel. MORE CONVENIENT FEATURES . . . sectional, add to when needed . . . sliding front doors . . . hinged cleaning doors . . . Redwood perches . . . inclined top on super-section . . . requires only 48 inches wall space for one Super-Section and two Sub-sections equivalent to 30 nests. MORE ROOM eliminates breakage . . . guarantees cleaner eggs.

Write direct if your dealer cannot supply you.
Shipped either by freight or express.

SEE OUR DISPLAY IN THE POULTRY BUILDING AT THE WATERLOO CATTLE AND POULTRY CONGRESS OCTOBER 3rd TO 9th.

PROTECTO MFG. CO. OWATONNA, MINN.

Poultry specialists are Mr. and Mrs. Art Steffen, of Dubuque county, Iowa. They raise about 1,000 layers a year on their 56-acre place, get them housed early (by mid-September).

He Prefers Chickens

ART STEFFEN, of Dubuque county, Iowa, would rather raise poultry than almost anything else. That's why his 56 acres near Dyersville are jam-packed with high-producing layers.

"The place isn't big enough to do much grain farming," says Art. "But I can just about raise all the grain I need, at that. And have enough range ground, too."

Art houses around 1,000 layers each fall in two buildings—one is 32x20, the other 22x130. Both are extra good: Cement floors, double walls filled with rock-wool, sheetrock ceilings, running water, over-window ventilation.

Automatic lights give hens a 14½ or 15-hour working day. Art aims to have his pullets housed by September 15, last year was getting better than 500 eggs in three weeks.

Steffen also raises a few hogs, milks a 10-cow herd which supplies about all the buttermilk his cafeteria-fed layers can take.

Long house handles most of Steffen flock. Built by Art and his father-in-law, it's 22x130, separated into two laying pens with feed room in middle. Note slot ventilators over the windows.

Here's an inside view of Art Steffen's new two-pen laying house. Both this and another smaller (32x20) building are fully insulated, with automatic running water and night lighting system.

The Farm Flock

CULL PULLETS that mature late. Don't waste feed on slow-growing birds. Many Iowa poultrymen figure that egg prices will be low enough next spring so they can't afford inefficient production. Don't overcrowd your house.

▲ ▲ ▲

CLEAN WATER is a "must" for high egg production — and the job is one of the biggest tasks in handling poultry. Three hundred layers will drink 40 pounds of water daily. Maurice Akers, Franklin county, Iowa, believes running water in the hen house is the best way to insure a steady supply of clean, fresh water and get rid of a chore job.

▲ ▲ ▲

MRS. HARRY CLUGSTON, of McDonough county, Illinois, is upset about the Ohio State University suggestion that wood shavings make the best nest litter, oat straw makes the worst. "Unfortunately," she writes, "I use the latter. Where can I get shavings?"

▲ ▲ ▲

THAT'S A GOOD question. Shavings — like the stuff you get when you plane down a too-tight door—aren't always easy to find. If you're lucky enough to live near a planing mill or wood-working shop of some sort, you probably can get shavings for the asking. Otherwise, you'll have to use something more readily available.

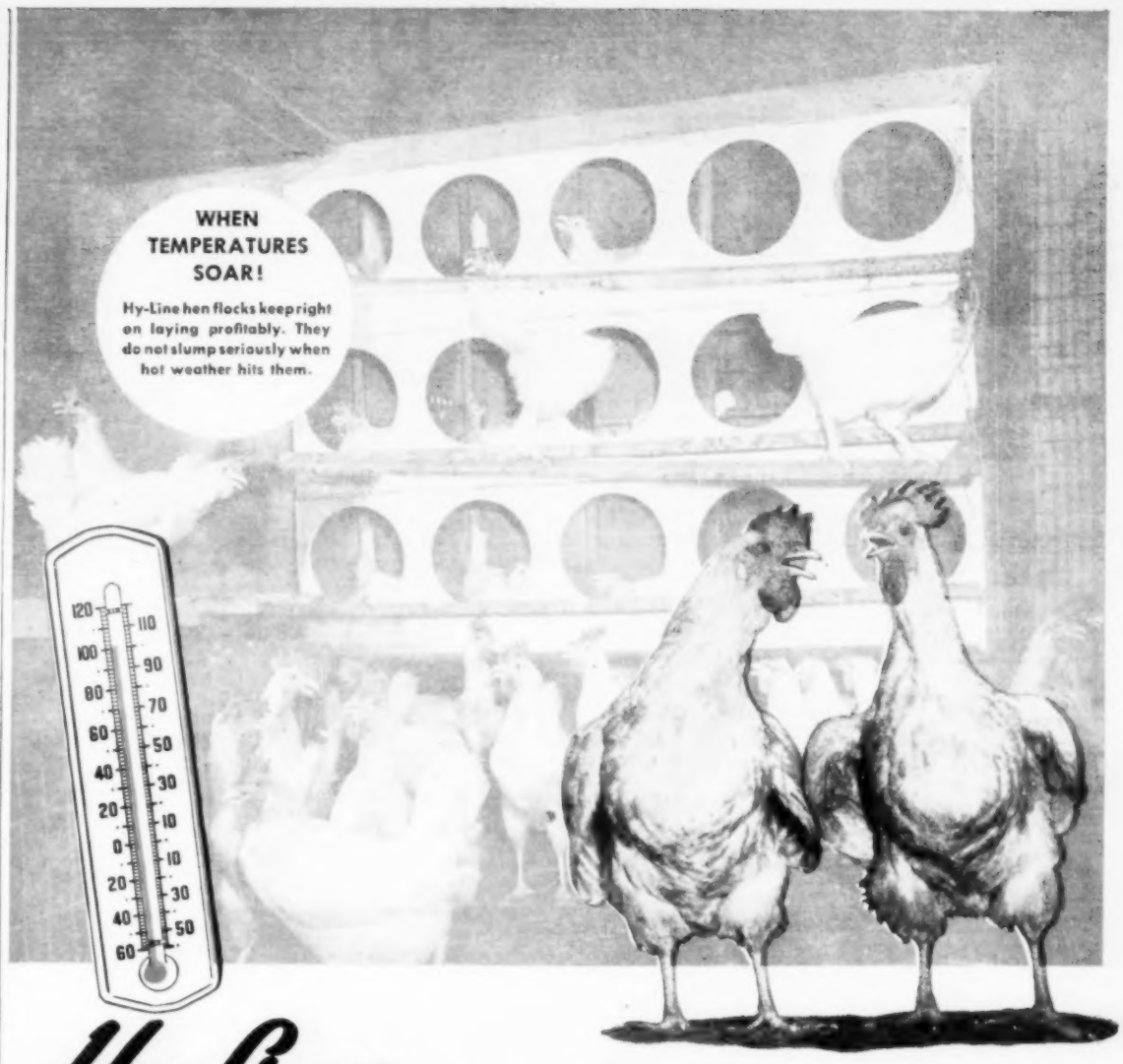
▲ ▲ ▲

UNCLE SAM says he will continue to support egg prices during October at 35 cents a dozen. This is the same support price as has prevailed since January. To make it effective, the government buys eggs from processors who have paid at least the support price to producers. Idea is to keep the average price of all shell eggs up to 35 cents—or 90 per cent of parity. Continued supports are necessary, says the Department of Agriculture, because of the slow demand for large supplies of low-quality eggs in the midwest.

▲ ▲ ▲

ARE YOU THINKING of scrubbing out your brooder house and placing an order for baby chicks? Probably not. But there are a few poultry raisers in Iowa who start chicks in the fall. If you're one of them, we'd like to hear from you. Tell us how you like the idea, advantages and disadvantages, extra problems involved, etc.

"Old? She's in her second childhood . . . she's started to lay pullet eggs again."



Hy-Lines ARE MORE RESISTANT to hot or cold weather slumps in egg production

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WHEN TEMPERATURES FALL!

Hy-Lines keep right on shelling out eggs. Hy-Lines are highly resistant to winter rest periods.

Hy-Lines are more resistant to slumps in egg production than standard-bred farm flocks. The difference is important to your pocketbook during hot summer months. Hy-Line hen flocks continue to lay profitably during July, August and September . . . when egg prices are rising. Hy-Lines lay profitably for 12 to 14 months. Standard-bred farm flocks generally decrease their production rapidly during the last four months of the laying year. Hy-Lines are also more resistant to cold weather slumps in production, and winter rest periods.

Early Hy-Lines lay more high-price eggs

Here's another advantage! Many progressive farmers get more high-price eggs by raising January hatched Hy-Line Chicks. Early Hy-Line pullets come into profitable production . . . when egg prices are highest. They lay profitably month after month without serious slumps in production. January and February hatched standard-bred farm flocks often go into serious slumps during the fall.

PLACE YOUR ORDER NOW FOR 1950 HY-LINE CHICKS

Hy-Line Chicks sell out every year. That's why many farmers are placing their orders now for 1950 delivery. Be sure to place your order right away.

HY-LINES ARE STEADY 12 TO 14 MONTH EGG PRODUCERS

For the egg production year, Hy-Lines commonly produce 2 to 6 dozen more eggs per bird housed than standard-bred farm flocks. Hy-Line flocks reach 50% production at about six months of age. Then they surge into high rates of lay. They generally lay between 50% and 80% production for 12 to 14 consecutive months. These performance figures are based on records made by customers, Hy-Line farm tests and official egg laying records.

Learn More About These "All Year" Layers.
Send Today for Our New 1950 Hy-Line Chick Catalog.

Hy-Line

HY-LINE POULTRY FARMS
A Department of Pioneer Hi-Bred Corn Company
1206 MULBERRY STREET DES MOINES 9, IOWA

HOW TO KILL Chicken Lice AND Mites

BLACK LEAF 40®
is the original "roost treatment" for ridding chickens of lice and mites, well-known and widely used by successful poultrymen.

Tap on Roosts

Small packages of Black Leaf 40 (*up to one pound*) contain an extra bottle cap with a perforation. With this "cap-brush" attached to the bottle, it's easy to tap liquid along roosts.

Then Smear

After tapping, smear liquid along roosts. When chickens perch on treated roosts, their body heat releases nicotine fumes which pass through their feathers and kill lice and feather mites.

IT WILL PAY YOU to use this simple, easy, economical method of killing lice and mites. Usually one treatment rids chicken of lice. Feather mites require three treatments three days apart. One-ounce bottle of Black Leaf 40 treats 60 feet of roosts—90 chickens. Five-ounce bottle treats 300 feet of roosts—450 chickens. Full directions on the package. Ask for Black Leaf 40—the reliable, dependable insecticide.

"Black Leaf Mash-Nic" **BLACK LEAF MASH-NIC** is another famous Black Leaf product for poultrymen. Fed to chickens in mash, it rids them of intestinal roundworms (*Ascaridia galli*) without affecting egg production or growth. Odorless, tasteless, and shockless. Full directions on the package.

Tobacco By-Products & Chemical Corporation
RICHMOND, VIRGINIA

VC FERTILIZERS

LEADER IN THE FIELD SINCE 1895
V-C Fertilizers make the good earth better . . . make your farm a better farm. Ask your V-C Agent.

PIN-WORMS CAN STRIKE YOU!

Don't make the mistake of believing that your family is safe from Pin-Worms—that these nasty pests strike only "careless" homes.

Medical experts report that *one out of every three* persons examined—adults and children alike—was a victim of these ugly creatures that live and grow inside the human body. And this common condition spreads rapidly . . . often through entire families.

Watch for the warning signs of Pin-Worms in your family—especially the maddening rectal itch. Then get **Jayne's P-W Vermifuge. P-W** contains a special, medically-approved ingredient that attacks Pin-Worms in the intestines and removes them from the body.

Don't take chances. At the first sign of Pin-Worms, ask your druggist for **P-W**, the small, easy-to-take tablets perfected by the famous Jayne Co., specialists in worm remedies for over 100 years.

Get real relief: P-W ® for Pin Worms!

Choice TURKEY POULTS

Place your order now for broad breasted bronze poults from the famous Mixa Hatchery. Popular medium and heavy strains are available. All are hatched under "hospital clean" conditions—no custom hatching or chicks handled. Minn. U. S. pullorum passed. Extra poults included in each shipment. **Write for literature. Redwood Falls, Minn.**

MIXA TURKEY HATCHERY

House Is Place For Pullets

Cold Wind And Nest In The Weed Patch Won't Give You Much Fall Egg Profit

WHERE will your pullets be when they are five months old and feel the desire to lay coming on? Will they be outdoors when the chill winds begin to blow?

We hope they won't be forced to hide their nests in weed patches or hay stacks. Chickens, you know, aren't wild birds. To do a good job of egg-laying, they need a comfortable house with plenty of feed, water and nests.

A big improvement in egg production in Iowa has gone along with earlier housing of pullets. Records show that egg production in September, October and November has more than doubled in the past 10 years. At the same time, the percentage of pullets housed before they are six months of age has increased several hundred per cent.

Record demonstration flock owners now get more eggs per hen during October, November and December than they do in March, April and May. This is largely due to proper housing of pullets.

Early housing makes more difference in the number of fall and early winter eggs than often is realized. It hastens the start of laying. It improves the fleshing of the birds. It reduces the likelihood of false molt. And it allows pullets to acquire the habits which later can be depended upon to maintain constant production.

Early-hatched pullets—any that are hatched before May 1—are nearing or in production if they have been properly cared for. These birds are over five months of age. Their combs are reddening, their feathers are practically finished and carry the luster of the mature bird.

These birds want to lay. If this tendency, bred into them thru careful selection, is interrupted, thru late or poor housing conditions, the pullet will be low in weight, lose her feathers in a false molt, and lay few if any eggs this fall.

Confine your birds before they are six months old, and give them adequate room in the house, at the feeders, at the fountains, and on the roosts, if you want to pick up eggs by the basket this fall.

Good housing is even more important for late birds. May and June pullets often will not lay all winter unless they are comfortable during the fall months. In the house, they can get the feed and water necessary for maturing at the proper time so production can begin before next spring.

When you find feathers lying on the ground around the brooder house in late summer or fall, you are seeing the fruits of neglect. Pullets go into a molt because of poor fleshing. And thin birds will not lay.

You can really notice the differences between early and late housed pullets by listening to the amount of cackling in the henyard. Pullets on range seldom get into production heavy enough to produce as much cackling as a flock of housed pullets. A quiet bunch of pullets marks the farm where other work has been allowed to interfere with housing the birds on time.

There's another important reason for getting the pullets housed before they start to lay. Pullets in production are temperamental and are easily thrown off-feed and out of production. But pullets housed ahead of time come into production without danger.

All pullets, however, should be handled carefully when they are moved to the laying house. Leg-carrying is bad. It's much better to move them in coops at night.

With a flashlight, it is quite simple to select the pullets that have well-developed combs, and to get them moved first. Other pens in the laying house can be filled with later-maturing birds a week or two afterward.

Greatest of all pullet hazards is the danger of having birds lay their eggs all over the floor and on the roosts. You can easily avoid that by getting the pullets in the house in time to let them get acquainted with nesting equipment.

Pick-outs, dirty and broken eggs and egg-eating are avoided by having the pullets in the house on time.—W. R. Whitfield.

BOOST PROFITS
KING 4-WAY
VENTILATING SYSTEM for POULTRY HOUSES

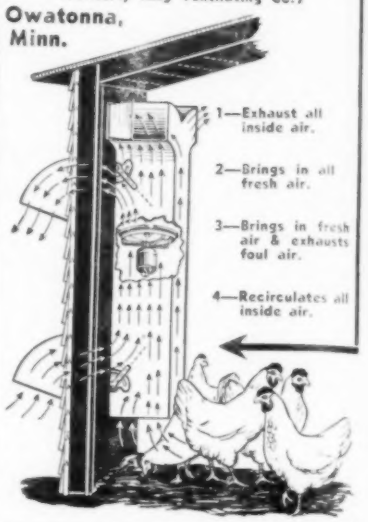
King Ventilating system provides complete and controlled change of air without drafts. Provides continuous supply of FRESH air and removes damp foul air. Increases egg production and quality of eggs and table birds. Saves labor, litter, buildings, and equipment.

Widely used in laying houses, battery rooms or broiler plants.

Also KING BROODER HOUSE UNITS and KING ELECTRIC DAIRY BARN UNITS.

See your dealer today or write for details.

The KING Co., 932 Cedar St.,
(formerly King Ventilating Co.)
Owatonna, Minn.



HOW TO INCREASE EGG PRODUCTION

A layer can produce only as many eggs as she can cover with shells. She needs calcium carbonate for shells, bone building, good health and perfect feathering.

A perfect source of calcium carbonate is Pilot Brand Oyster Shell which is pure, clean, all usable—no waste.

Feed well, give plenty of fresh water and keep Pilot Brand before your hens all the time.

PILOT BRAND OYSTER SHELL

FOR POULTRY

At all progressive dealers everywhere

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NEW LOW PRICES on Laying Houses

Buildings for every need. Write for full details.

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WALNUT PRE-FABRICATION FOLDER—FREE

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Thousands each week. U. S. approved. Pullorum controlled. 14 varieties. Live delivery. Catalog free.

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Waddams Grove, Illinois

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FEED FOR Bigger EGG PROFITS VICTOR

EGG GRANULES

(Also Mash and Pellets)

An ideal hen feed-balancer—rich in original vitamin sources, containing essential carbohydrates, minerals and proteins designed to stimulate high egg yield at low feeding cost.

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"Freed from NERVOUS WORRY"

"My nervous state was due to drinking coffee. Switching to POSTUM calmed me—I stopped worrying and began to really enjoy life!"

SCIENTIFIC FACTS: Both coffee and tea contain caffein—a *drug—a nerve stimulant.* So, while many people can drink coffee or tea without ill-effect—others suffer nervousness, indigestion, sleepless nights . . . POSTUM contains no caffein or other drug—*nothing that can possibly cause nervousness, indigestion, or sleeplessness.*

MAKE THIS TEST: Drink POSTUM exclusively for 30 days—*judge by results!* . . . INSTANT POSTUM—A Vigorous Drink made from Healthful Wheat and Bran.

FENCE at FACTORY PRICES FREIGHT PAID

200 STYLES TO CHOOSE FROM

SEND FOR FREE Catalog

Farm, Poultry, Lawn Fence. Best Galvanizing. Lowest Prices. Barb Wire, Posts, Electric Fence, Gates, Irons, Bale Ties, Porch Rails, Roofing, Paint, Tanks. Many Farm, Poultry Supplies. Write today.

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CRIB PLANS FREE!

Send for FREE crib blueprints with list materials. Also Elevator catalog—shows 8 styles.

MEYER FARM ELEVATORS CUP AND PORTABLE

Simplest, strongest—no short turns. Widest, sturdiest PORTABLE—handles baled hay. Write us your crib problems today, state whether interested in BUCKET or PORTABLE. Postal brings FREE catalog. THE MEYER MFG. CO., Box 1265, MORTON, ILLINOIS.

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from any 6-8-12-16-20 or 36 exposure roll film developed only 35c and this ad. Electronically enlarged. Enlargement coupon free.

SKRUDLAND 6444-F Diversey, Chicago

Every Time

You Sell--Buy

U. S. Savings

Bonds

and Stamps

"Get away from that rooster! I just fed him some 'lay or bust' feed by mistake."

Insects Stay Out Of Insulation

Some Iowa poultrymen fear that wall-fill insulation in laying houses will make a hiding-place for lice, mites, etc.

That's an unnecessary worry, says W. R. Whitfield, Iowa State College extension poultryman. In his 20 years of extension work, Whitfield never has received a complaint of such infestation.

Vapor-proof tar-paper back of the inner wall probably keeps parasites out of wall-fillings, Whitfield says. But to make doubly sure that insects stay out, you can mix sodium fluoride, powdered sulfur or DDT with the fill.

Wants To Tattoo His Chickens

To the Editor: How does one tattoo a chicken? Where can I buy a tattoo outfit?—E. W., Dubuque County, Iowa.

To tattoo chickens, you need a tattoo marker, a bottle of tattoo oil, and a combination of numbers or letters that fit into the marker. Chickens may be tattooed at any time after the skin web on the underside of the wing is large enough to take the imprint of the letters or numbers in the marker.

Markers will hold up to four or five letters or numbers, so some people can put their names on their chickens. You can buy tattoo outfits at some farm supply stores and chick hatcheries. Or we can furnish you the name of a farm supply mail order house that sells poultry markers.

Birds Show Signs Of Fowl Cholera

To the Editor: Can you tell me what is wrong with my chickens? They get sleepy and stand around with their eyes shut. Their combs wilt, then turn purple. Some die in a day or two.—Mrs. L. L., Mahaska County, Iowa.

The symptoms you describe are often found in an attack of fowl cholera.

We know of no specific treatment. But it usually pays to move the chickens to a clean, new place. Keep the water and feed in containers which will keep out as much dirt and dust as possible. Sick birds should be removed from the flock as fast as they are found.

You may as well kill the sick birds and burn the carcasses immediately, for few birds will recover.

Proved Results with AMES IN-CROSS chicks

"INbred CROSSbred"

We like the steady high production.
Earl Krause, Adams, Nebraska

No death loss at two months old.
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Fully feathered at four weeks—in production at four months.
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Better and thriftier than any chicks we have raised.
Mrs. Calvin Carsten, Avoca, Nebraska

Less feed, more eggs, no broodiness.
Alvin Schroeder, Holstein, Iowa

Ask the folks who raise them. They report the positive advantages that add up to *Extra Profits.* • Ames In-Cross Chicks (INbred CROSSbred) mature earlier with lowest mortality—higher egg production over longer period—utilize feed to best advantage. Put your flock on a real paying basis. Order Ames In-Cross Chicks now from the authorized Ames In-Cross hatcheryman near you. He is a good man to know. Write for complete information. Address Dept. A.

AMES IN-CROSS

Ames In-Cross, Inc.

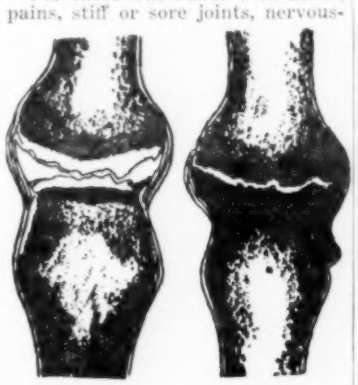
Ames, Iowa

RHEUMATISM AND ARTHRITIS OFTEN LEAD TO CRIPPLING DEFORMITY

Free Book That Explains The Causes and Describes Proven Specialized Treatment Sent on Request

Excelsior Springs, Mo., Oct. 1.—So successful has a specialized system proven for treating rheumatism and arthritis that an amazing new book will be sent free to any reader of this paper who will write for it.

For those who suffer with aches, pains, stiff or sore joints, nervousness, over acidity, systematic toxemia, colitis, or other rheumatic symptoms, this book entitled, "Rheumatism," fully explains why drugs and medicines give only temporary relief and fail to remove the causes of the trouble.



Early Stage *Destroyed Joint*

The Ball Clinic, Excelsior Springs, Missouri, has perfected a specialized system of treatment for rheumatism and arthritis, combined with the world famous mineral waters and baths. This system of treatment, which has proven successful for over thirty years, is fully described in a book that tells how it may be possible for you to find freedom from rheumatism.

You incur no obligation in sending for this instructive book. It may be the means of saving you years of untold misery. For writing promptly, the Clinic will send their newly enlarged book entitled, "Rheumatism." Address your letter to The Ball Clinic, Dept. 40, Excelsior Springs, Missouri, but be sure to write today.

ELIMINATE WORMS, BANISH LICE!

Poultry raisers, protect your flock against its two worst enemies—worms and lice! Use Boote's WURMITE and LOUSCIDE. Guard against internal parasites (ascarids) — put WURMITE in your flock's water. Costs less than 1¢ a month per bird. LOUSCIDE protects your layers against lice for only ½¢ a bird per month. Take advantage of Boote's Service Dept. Be on the safe side. Protect your poultry profits the easy, economical way . . . use Boote's WURMITE and LOUSCIDE.

Boote's HATCHERIES, Inc.

Service Department • Worthington, Minn.

DRAINS Cellars, Cisterns, Wash Trays; IRRIGATES Your Garden, etc.

LABAWCO Pump has 1,001 year 'round uses—house, garden, farm. Pumps 1800 GPH, or from 25' well, or 30' high. Uses ⅛ to ½ HP motor.

DOES NOT CLOG!

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WOODMANSE

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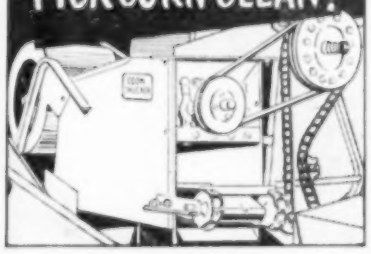
WATER SYSTEMS

— OUR ADS ARE NEWS —

Speaking of
FOXCENTRATE
Another
PUREBRED BREEDER

E. R. SCHUG
Rt. 2, Lake City, Iowa
says:
"My Spotted Poland China hogs are noted for their quality and breeding vigor. Good breeding pays off; and I also give a lot of credit to Foxcentrate. I've fed Foxbilt Feeds for 4 years and I know they do a good low cost job."
FOXBILT FEEDS
Des Moines, Ia. Rock Falls, Illinois

Cook Picking Beds
PICK CORN CLEAN!



. . . in any weather!
The Cook Picking Bed permits you to run snapping rollers closer together, allowing them to snap more ears and save you around 80 per cent of the shell corn ordinarily lost in the field. Clean corn dries faster, shells easier. Field tested for 5 years. Easy to install, nothing extra to buy, shipped complete.
Save time, money and corn with the Cook Picking Bed.
Also makers of Tiger Rubber Husking Rolls for most makes Cornpickers.
FOR MODELS "P" CASE and G. I. Cornpickers
Write today for Free Literature
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Von Ruden TRACTOR CHAINSAW
Low Cost • Speedy • Easy to Operate

OPERATES ON POWER TAKE-OFF OF ALL TRACTORS AND JEEPS
Attaches with two bolts. Tractor carries saw, eliminates chain thrust. Nationally famous chain, universal joints and bearings.
NOTHING EXTRA TO BUY
Will notch, fell, or saw logs without extra attachments. Easy to handle. Only 106 lbs. Low initial cost, minimum maintenance.
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WRITE FOR FREE FOLDER!
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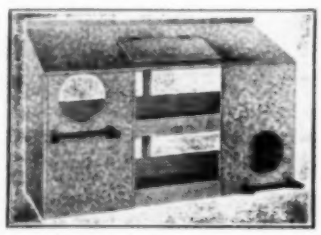
Low Cost Dynamite
FOR STUMPS—ROCKS—DITCHES
STUMP AUGERS—EXPLODING WEDGES
Save money ordering by mail. Write for free price list and information.
BOWEN'S SUPERIOR EXPLOSIVES CO.
P. O. Box 25 MASON CITY, IOWA

What's New?

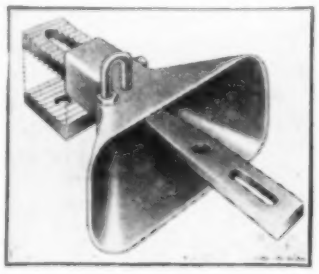
Cover For Cribs is made with truss rods and asphalt saturated kraft paper. Fits 12 and 16-foot circular cribs, bins or silos. Rods bent to form eaves. Light steel netting secures the asphalt cover against wind. Two men cover crib in short time. Made by Illinois Wire and Manufacturing Co.

Track-Type Tractor, —first to bear John Deere name—has been introduced. Made for hilly farms, orchards, vineyards, muckland, etc. Pulls two or three-bottom plow. Handles 8-foot double action disk. Two-cylinder type engine used in other Deere models. Four speeds, electric starting.

Electric Drill is equipped with a tool set that enables the owner to use it for several purposes, including grinding, brushing, cleaning and drilling. A separate unit, which is to be used only for drilling, has a capacity in steel up to one-half inch. Will handle hole saws. Manufactured by Albertson & Co., Inc.



Double-Deck nests are made of 26-gauge galvanized steel. Made in lengths to accommodate 75 to 80 birds per unit. Flip-up back makes nests easy to clean. Perch in front is claimed to clean the chickens' feet on entering, thus making cleaner eggs. For gathering eggs, top and bottom sections open in single movement. Made by C. C. Jolly Company.



Tractor Hitch is self aligning. Said to mount on any tractor, truck or jeep with only one bolt. The business end of the implement is funneled to proper position. One pull and it releases. Made by G. & D. Manufacturing Co.

This Hoist rides permanently on tractor for any lifting job. Dumps wagons, pulls posts, lifts implements, and does other jobs. Six and one-half foot lifting stroke. Support legs hold weight. Manufactured by the Fleischer-Schmid Corp.

Kill . . .
LICE
MANGE MITES
TICKS
with
Chlordane
A single application of a spray, dust, or dip, containing the recommended percentage of CHLORDANE usually gives complete control of LICE, MANGE MITES, and TICKS
on CATTLE
HOGS
POULTRY
SHEEP
Get Insecticides containing CHLORDANE for use on these animals at your dealers—Manufactured by leading formulators and veterinary supply houses. Ask your county agent.
Control of LIVESTOCK PARASITES with CHLORDANE
Write for this helpful Supplement, 203-C, on Live Stock Parasites.
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Julius HYMAN & Company*
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*Manufacturers of Octa-Klor (T.M.Reg.U.S.Pat.Off.)

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10 YR GUARANTEE
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Heavy Duty Hog Pan
Pound it with a sledge hammer, or back over it with a tractor! A Siebring heavy duty hog pan won't break. Drop-forged, these 14" pans are ideal for hogs, and other livestock and poultry. At your dealer or order direct at $2.25 each.
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20% FASTER GAINS
•25% Less Feed!
Hastings
SAVE Hours of Time
"Greatest feeder ever built!" say hog men. Repays cost over and over again in time and feed. Wider at bottom, never clogs. Improved trough covers keep feed dry, any weather. Feed controls adjustable for all feeds. Feeds from both sides. All steel. Can't bulge. Easy to move. 55-bu., 30-bu., 15-bu. and 4½-bu. sizes.
WRITE for full details and prices. Ask about famous Hastings Grain Bins.
HASTINGS EQUITY GRAIN BIN CO.
DEPT. WF-3 HASTINGS, NEBRASKA

ROCKLIN
ADJUSTABLE CORN PICKER HITCH
Exclusive AUTOMATIC COUPLER
• Two poles for price of one—Extends from 5' to 9½'
• Merely back up to load to hitch—Uncouple by lifting handle
• Saves pinched fingers and hard hitching labor in corn field
G-1 TONGUE $19.50 With Adjustable Wagon Mount
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Immediate delivery See your dealer or send check or money order
ROCKLIN MFG. CO., Sioux City 7, Iowa

First class new and used barn equipment at low prices direct from our factory to your farm.
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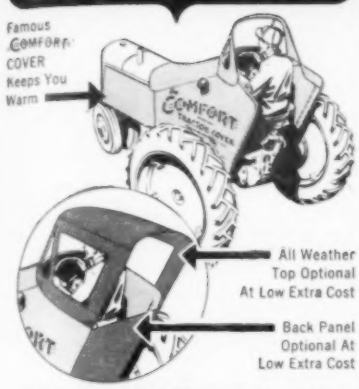
315 A. FARM FOR SALE
Adjoins town, REA, improved
Owner, 304 Western Surety Bldg., Sioux Falls, S. D.

— OUR ADS ARE NEWS —

KEEP WARM On Coldest Days



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Keep warm while doing tractor work! Get a famous COMFORT COVER that's custom-fit for your tractor. Converts to a complete cab, if desired. Use the Top in summer as sun and rain protector. *Back Panel & Top fit any 1948-49-50 CN Series* COMFORT COVER. See your dealer or write...

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New Holland's Combination Hay Chopper-Ensilage Cutter Delivers Top-Quality Silage at Low Cost

Feeds, cuts to desired length—blows corn, hay or other crops to silo or mow. Up to 20 tons of silage per hour on only 10 to 20 h.p. See your New Holland Dealer or write for free catalog.

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NAILS
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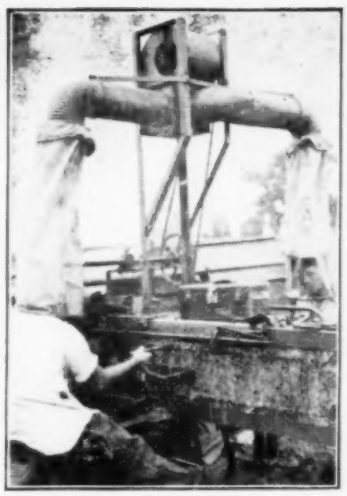
See Your Local Hardware Merchant

He Is In Business to Help You!

WALLACES' FARMER and IOWA HOMESTEAD
Des Moines, Iowa



Men from Mars? Nope, it's Jim and Everett Hatch, Henry county, Iowa, enjoying "air conditioning" on the hay-baler. It's a big improvement over old system.

Lower Clover Yield Following Beans

Clover yield is lower following unfertilized soybeans than following unfertilized corn. But the harmful effect of soybeans on the growth of clover is a nutritional one, not a physical one.

That's the opinion of Purdue Agronomists F. A. Frank, H. Kohnke and B. M. Fehrman, who carried on tests along this line in 1948.

Fertilizing clover with phosphate and potash helped increase the yield when clover followed unfertilized beans. The researchers could find no difference in physical property of the soil to account for any yield loss when clover followed beans.

Milk Cows Won't Settle

To the Editor: One of our milk cows should have been with calf for two months now. But last week she came in heat and passed about a half-cup of blood. Three more of our cows would not get with calf. What could be the trouble?—Mrs. G. J., Dakota County, Nebraska.

There are many causes for low fertility or complete sterility in cows. Since you have more than one cow affected, the fertility of your bull may be low.

Where blood appears in the vaginal discharge, there may be an injury of the cervix or entrance of the uterus. This prevents entrance of the male cells to the calf-bed, or uterus.

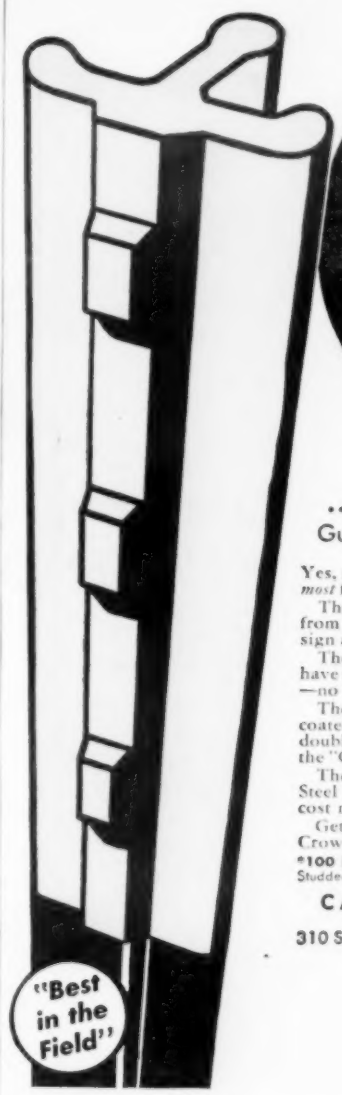
If this is true, a rest from service for two or three heat periods would increase the chance for conception.

There may be a specific disease of the reproductive system. Most common of these is brucellosis. A blood test will show whether your cows have that.

Still another disease is the trychomonad infection. A microscopic test of scrapings from the vaginal walls will be required to detect this disease.

Some cases are caused by a disease of the ovaries, such as cysts appearing in them.

If your cows do not improve after a rest from breeding, it will pay you to have them examined by an experienced veterinarian, to locate and correct the exact trouble.



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Yes, sir! Gold Crown "Studded Tees" give you the *most* for your money.

The most STRENGTH—because they're rolled from tough, high-carbon rail steel in scientific design and construction.

The most RIGIDITY—because only Gold Crowns have shrunk-on Anchor Plates—no rivets—no holes—no welding.

The most APPEARANCE—because they are coated with high grade green enamel which is double baked for long life and decorated with the "Gold Crown."

The most VALUE—because only Gold Crown Steel Fence Posts are guaranteed "100 to 1"—yet cost no more than other steel posts.

Get the most for your post money. Get Gold Crown Steel Fence Posts—Best in the Field.

*100 POSTS FREE—if the Anchor Plate on any Gold Crown Studded "T" comes off in shipping, hauling, driving or pulling.

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BORG-WARNER CORPORATION
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Gold Crown Ashcraft STEEL FENCE POSTS "King of them all"

VORCOL The Crib That Has Taken The Corn Belt By Storm

Voris Mfg. Co., St. Louis

Positively the LOWEST PRICED, FINE QUALITY PERMANENT Crib Available Today

- Heavy No. 5 Gauge Galvanized Bar Mesh
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- Heavy 24 Gauge Galvanized Roof with Manhole and Ventilator for Easy Filling

OUR LEADER . . . Dependable Storage at 25½c Per Bushel

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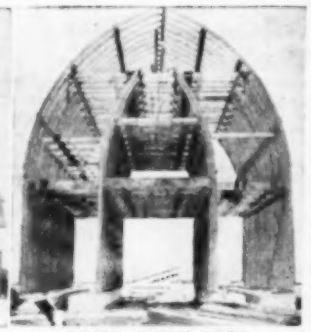
"Super" Combination Corn Crib & Granary

BARN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● A Combination Corn Crib and Granary is a very important part of a farm factory. Proper corn and grain storage provides economical handling and high quality feed. Financing can be arranged through local C.C.C. Offices if necessary.

ASK YOUR LOCAL LUMBER DEALER ABOUT OUR RECENT PRICE REDUCTION!

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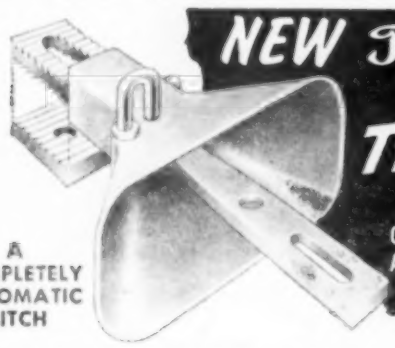

NEW Farmer's Friend Self-Aligning TRACTOR HITCH

ONE BOLT TO MOUNT ON ANY TRACTOR AND WAGON

A COMPLETELY AUTOMATIC HITCH

Now—a safe, practical hitch that meets every farm need. Will save you up to 3 hours a day. It works on any tractor, truck or jeep. Connects automatically—releases easily. Not necessary to dismount to couple or uncouple. Ruggedly built. Promal metal—can't be broken. Only 2 moving parts—nothing to go wrong. See your Farmer's Friend Dealer or write for literature and prices.

The Farmer's Friend Hitch works perfectly on mounted corn pickers. No help needed to change from loaded to empty wagons.

Self-aligning hitch works perfectly on inclines and sharp turns.

G & D MANUFACTURING COMPANY
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Makers of Famous Farmer's Friend Elevators

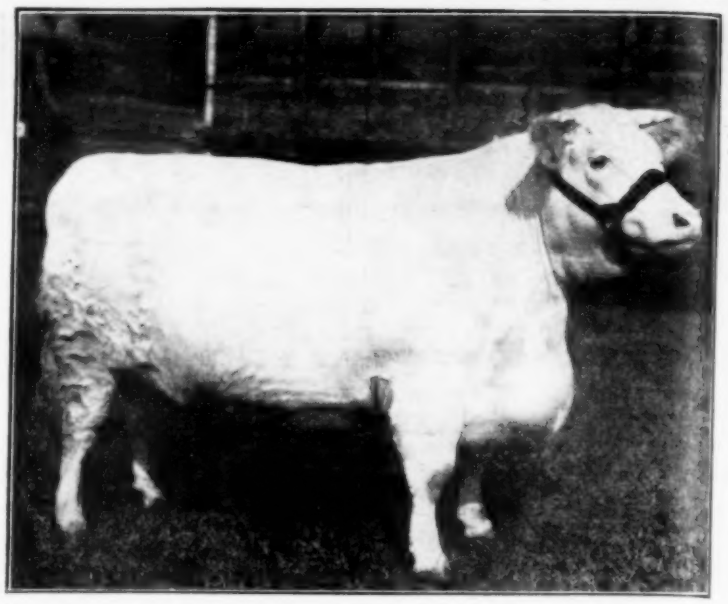
BIGGER YIELDS LESS WORK WITH THIS BETTER COATS SHREDDER

You cut discing time in thirds . . . plow a clean, black field when you shred old corn stalks in the field with this improved Coats Stalk Shredder. No more "burning off." With the Coats Shredder you can return valuable plant food back to the soil for bigger crops. Fights borers, too. Kills worms right in the stalks, leaves no place for larvae to hibernate through winter. Super-strong construction. Superior shredding action. Adjust right from tractor seat.

WRITE for complete facts today. See how you can save work and boost yields with this Better Coats Shredder.

COATS LOADERS & STACKERS, INC.
KNOWN FOR DEPENDABLE FARM EQUIPMENT . DEPT. D, FORT DODGE, IOWA

• READ THE ADS EVERY ISSUE AND TELL THE ADVERTISER YOU READ HIS AD IN WALLACES' FARMER AND IOWA HOMESTEAD WHEN YOU WRITE FOR INFORMATION.



Another white heifer that traveled. Village Victoria 49th went to Huron and Sioux Falls, South Dakota, to be reserve champion Shorthorn female, to Spencer to be grand champion female at the Clay county show. Dewar Bros., Cherokee county, Iowa, exhibited her.

Barns Were Full At Spencer

Lack Of Pens And Stalls Shortened The Entry List At The Clay County Fair

THERE just wasn't enough pen and stall room at the Clay County Fair, in Spencer, this year. Barns were full, and some would-be exhibitors had to stay home.

Frank Smith, St. Cloud, Minn., judged the beef cattle breeding classes.

Wiese & Son, Manning, and Westhaven Place (Wescott Bros.), Denison, were the Hereford show, and pretty well split honors. Wiese had both top bulls and champion female. Wescotts had the reserve female on their summer yearling.

Competition was stiffer in the Aberdeen Angus classes. Exhibitors were:

Mills & Finkbine, Webb; Fred Knop & Sons, Charter Oak; Wayland Hopley, Atlantic; George and Dwane Clark, Worthing, S. D.; Lloyd Albers, Sutherland; Enoch and Bob Johnson, Galva; Koster Angus Farm, Gladbrook; A. A. Mugge & Sons, Spencer; O&R Farm, Scranton, and Everett Ames, Greenville.

Hopley's senior yearling—Jamie of Thorn—was senior and grand champion Angus bull. Both junior champion bull and female were Johnsons'. Clarks had senior and grand champion female, with reserve going to O&R. Albers had reserve junior champion female.

The Shorthorn show dropped back to two herds, plus three strong 4-H contenders. Champion female went to Dewar Bros., Cherokee, with the bull purple going to Held Bros., Hinton, on a junior yearling. Goldfinder Consul, Jerry Rhodes, Spencer, had the reserve champion female.

Leon Frantz, Grand Junction breeder, judged the Hampshire, Duroc and Chester White hogs. Another breeder, Albert Stuart, of Newhall, placed the Spotted Polands, Polands and Berkshires.

Exhibitors of Spotted Polands were Robert Eddie & Sons, Storm Lake; Kenneth Dingle, Ocheyedan; W. E. and Vernon Irlbeck, Templeton; Dave Dalgety, Manning; Joe and Orlin Holland, Ackley, and Harlan Schoer, Royal.

Dingle cleaned up with all three boar championships, and Irlbecks had all three sow purples.

Exhibitors of Chester Whites were James LeStrange, Terril; R. A. Riemenschneider, Kingsley; Clarence Smith, Paullina; Clifford Bogaard, Orange City; Seth W. Johnson, Kiron; Ben Zishka, Spencer; Clifford Wells, Sibley; Jay Manly, Sac City; Burdette Manly, Sac City; Rex Hess, Spencer; B. F. Held & Sons, Hinton, and Martin Vust, Ellsworth, Minn.

Riemenschneider had all three boar champs. Hess saw a gift from his grand champion FFA litter go to junior and grand championship. Senior champion sow was exhibited by Manly. The Hess litter, purchased in dam from Held, produced the grand champion FFA market barrow and top pen of three.

In the Berkshire show, Delmar Jensen, Emmetsburg; Alex Conover, Holstein; Golden Acres, Rockwood Falls, Minn., and Tom Conover, Holstein, exhibited.

Tom Conover had the senior and grand champion boar and junior champion sow. Golden Acres' mature sow was senior and grand champion, and they had the junior champion boar.

Exhibitors of Hampshires were: Boles & Son, Milford; Emory Riemenschneider, Pierson; J. Larsen, Ayrshire; Larson Bros., Ringsted; Maurice Weitz, Webster City; Fred and Merlin Schoelerman, of Hartley, and Ed Arthur, Spirit Lake.

Frantz gave senior and grand champion boar purple to Weitz. Riemenschneider had junior champion boar, senior and grand cham-

DO 10 hrs. WORK in 7 hrs.

9 SPEEDS FORWARD with the M-W GEAR on your FARMALL H or M Tractor

- Converts tractor to 9 speeds forward.
- Sacrifices no standard equipment.
- Gives forced lubrication to pilot bearing.

With the MW gear you still benefit by all the power of the 4 standard forward speeds, and also can shift on up to approx. 6, 8, 10, 12 mph. in the field, enabling you to finish work days in advance of your neighbors. The MW gear **does not change road speeds** or interfere with any standard working capacities of tractor.

Location of MW gears in transmission.

Rod and lever only outside addition.

New Pump Saver Coupling

Because it takes so much time and labor to disconnect Farmall "M" Hydraulic Pumps many farmers do not do it. The M-W **Pump Saver Coupling** can be coupled or uncoupled in less than 10 min. Eliminates 80% useless wear from idle running. Hydraulic Pump is then used only when needed on the job. Pump life and efficiency increased many times. For use on Farmall "M" tractors.

Write for literature and name of nearest dealer.

M-W GEAR COMPANY
Dept. 5 ANCHOR, ILLINOIS

The BEAR CAT COMBINATION Grain and Roughage Mill also Ensilage Cutter

NEW Adjustable Drop-Apron FEEDER

Model 2A-DFI

Grinds any feed—green, wet or dry. Snapped or ear corn, roughage bundles or bale flakes and no monkey business. It really grinds, and with ordinary farm tractor. Has both cutter head and heavy swing hammers. Adjustable Drop-Apron Feeder works in any position from ground to truck bed height. Get full information on this real honest-to-goodness Bear-Cat Grinder. Four sizes. Write—
Western Land Roller Company, Bx. 176, Hastings, Nebr.

2 OUTSTANDING CONTROLS FOR **HOG MANGE**

TAT HOG-EEZ *(Contains 50% BHC)*
Kills sarcoptic mange mite, hog louse, and their eggs. Contains powerful wetting agent to assure penetration. One spraying sufficient. Equally effective for cattle. 1½ lbs.—$1.30 (makes 17 gals.)

TAT MANGE SPRAY *(a chlordane colloidal solution)*
Will not "break down" in sprayer, no agitating equipment needed. Controls sarcoptic and demodectic mange, hog and cattle louse. No objectionable odor; will not taint flesh of hogs. 6 oz.—$1.25 (makes 8 gallons).

If local dealer cannot supply, write direct
O. S. LINCK CO., INC., BOX 1440, SIOUX CITY, IA.
FACTORY: CLIFTON, N. J.

HE OWNS A GOOD-PAYING BUSINESS SO CAN YOU

"Made $30 many a day," he says. Free illustrated booklet tells of many others. Make good money, **be your own boss** grinding feed for local farmers. Big demand for custom grinding. Business grows and grows.

GEHL Direct-Drive PORTABLE MILLS pay for themselves out of profits. Terms to responsible parties. Two models . . . powered by special motor, Diesel or Gasoline (illustrated) or by truck motor. Sturdy construction . . . big capacity . . . economical to operate. Write for complete details.

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SAVE YOUR HANDS
FITZLOFF CORN PICKER SNAPPING ROLL ATTACHMENT
Patent No. 2315950
To be attached to snapping roll with set screw in the holes already provided on every snapping roll.
TO BE USED IN DRY WEATHER ONLY
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Conserve Your Soil

One man and any farm tractor builds high terraces, dams, fills gullies, etc., easily, swiftly. Loads, unloads, spreads, without stopping. Builders backward. ½-yd., ¾-yd., 1½-yd. sizes. 2 models. Prompt delivery from your dealer or direct from factory. **Send for Free Literature and Low Prices.**

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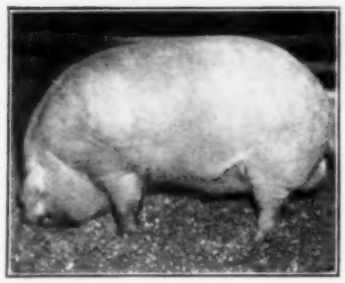
WORMY PIGS? Doctor Hinrichs' Hog Powder. Fed in feed. No starving. 5 lbs. $3 Postpaid.
HINRICHS REMEDY CO., WALCOTT, IOWA



Champ Chester boar at Spencer was Sunnycrest Superior, shown by R. A. Riemenschneider, of Plymouth county.

pion sow. Larsen had the junior champion sow.

In the Poland China classes, Eugene Dugan, Storm Lake, won all three boar championships, plus junior champion sow. Senior and grand champion sow award was given to C. J. Waggoner, of Sioux Rapids.

Other Poland China exhibitors were: Arlington Farms, Rock Rapids; Fred Kanneberg, Roy Kannenberg, both of Storm Lake; K. L. Burg, Ruthven; Louis Reilly, Lone Rock; Brant Bruxvoort, Sheldon; Buford Henry, Emmetsburg; Duane Gustin, Gillette Grove.

The Duroc show was the biggest. John Geerdes, Everly, had senior and grand champion boar. Junior boar purple went to Elmer Willey, Vincent, who also had senior and grand champion sow. W. H. Helmke & Son, Renwick, had junior champion sow.

Other Duroc exhibitors were: E. L. Timmons, Ocheyedan; A. J. Gacke, Sibley; Clay Hirt, Kenneth Kloppenburg, Walter Hirt, all of Hartley; Merlin Timmons, Sanborn; Walter Riebesell, Calumet; Dowie Smit, Hull; Fred Knop & Sons, Charter Oak; E. T. Garton, Marathon; Jerry Pickett, Ruthven; Francis Jackson, Spirit Lake, and Art Rottunda, Dickens.

Art Porter, Iowa State College, placed the dairy show. In the Guernsey classes, Arlington Farms, Glea Lloyd, Terril, and Sternberg & Mullenix split top awards.

Duane Dudley & Son, Churdan, and Merle Simpson, Terril, divided blues and purples in the Jerseys. In Ayrshires, W. F. Henn, Terril, and Ben Nannen, Pierson, divided again, tho 4-H-er Jim Roskens, of Spencer, took the junior champion female purple.

Martin Johnson & Sons, Terril, had senior and grand champion Brown Swiss female. Both junior championships went to E. L. Telleen & Sons, Gowrie. Grand champion bull was shown by Witter & Hansen, Spencer.

Usually, Clay county is a strong Milking Shorthorn show, and this year was no exception. Ed Larson & Sons, Kasson, Minn., had grand champion bull. The McMartin Herd, Madelia, Minn., had grand champion cow.

Holstein classes were strong. Spies & Lien, Graettinger, were winners of five of the six championships. W. T. Henderson & Son, Paullina, had junior champion female.

In the junior 4-H show, 400 boys and girls showed 413 baby beeves. The juniors also showed 58 dairy heifers, 15 purebred beef heifers, 27 market litters and 17 purebred litters.

For the first time, there were FFA hog classes. Forty-three members from 13 chapters showed 28 purebred and 15 market litters.

You Get More Corn WITH SCHULTZ #40 2-ROW CORNPICKER

Your yield will be higher if you pick with a Schultz No. 40. It gives you cleaner picking, fewer husks, less shelling . . . puts corn in the crib where it means money for you. Walk through any field picked with a Schultz No. 40 and see the difference.

YOU GET MORE ACTUAL DOLLAR VALUE IN THIS IMPROVED HEAVY-DUTY UNIT

- Simplified Mountings
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- Cut Steel Gears
- Throw-out Clutch located on elevator boot shaft
- Sealed Bearings . . . lubricated for life
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- Only 27 Grease Fittings
- Double-Strength Castings
- High Carbon Steel Frame increases husking capacity and prevents spreading
- Higher Output Blowers
- Positive Locks maintain all chain adjustments

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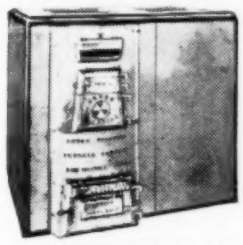
ASK Any Green COLONIAL OWNER *for facts on*

COLONIAL CLEAN HEAT COMFORT-LOW FUEL COST


ALL-PURPOSE FURNACE

"We are very much pleased with our COLONIAL furnace, and have recommended COLONIAL to our neighbors and friends. Our fuel cost has been much less than expected," says Mrs. T. S., Moberly, Missouri.

SEE YOUR LOCAL COLONIAL DEALER or **SEND COUPON**
Check type heat desired
COAL ☐ OIL ☐ GAS ☐

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Please send folders on heating checked.
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Over high jump bar goes Carl Van Dusseldorf, Mahaska county, in Iowa Farm Bureau's annual Sports Festival last month.

Girls sign up for Sports Festival baseball throw, new feature this year. Mrs. C. C. Inman and Alice Inman, Kossuth, list entries. Phyllis Brady (at the right), Dallas county, was the winner.

Farm People Play

SOME 5,000 farm folks from 85 counties were at Ames last month to compete in Iowa's annual Farm Sports Festival. On the program was about every kind of athletic event you can imagine, from golf to checkers, plus a big music and folk dance festival.

When it was over, Webster county's 4,963 points had won the all-state championship banner. Ranking behind Webster in total points were Boone, Dallas, Polk, Hamilton, Hardin, Jasper, Plymouth, Tama and Wright.

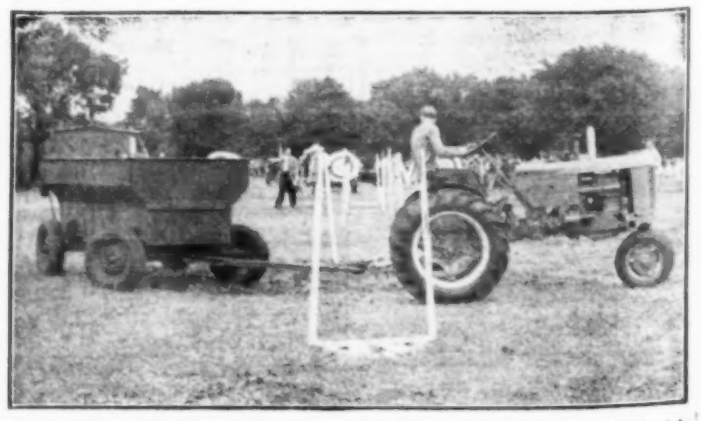
Fast bit of first-base action in one of the dozens of softball games at Sports Fest.

It's lip-biting follow-thru as Florence Haldgrafer, of Hamilton county, tosses ball.

Tossing chair quoits is Mrs. Ted Peterson, of Hamilton county. But final winner was Mrs. T. N. Ducland, Story county.

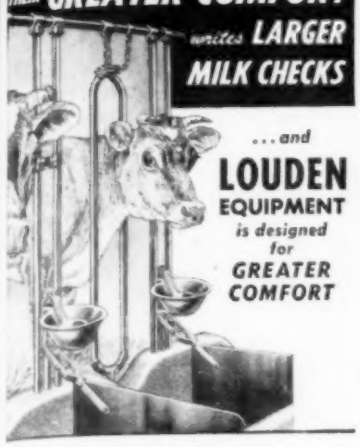
Looks as if the pair on the right has a big jump on competitors in the "under 17" relay race at Iowa Farm Sports Festival.

Cheering section voices encouragement for the Mitchell county 4-H girls' softball team. It won, too, beating Scott.



Tractor rodeo was another new event at Sports Festival this year. Here, an entry snakes wagon thru maze of posts.

THEIR GREATER COMFORT writes LARGER MILK CHECKS



...and LOUDEN EQUIPMENT is designed for GREATER COMFORT

Right! Louden pioneered Barn Equipment in 1867, built the first All-Steel Stall, is best qualified by experience to build the most comfortable cow stall. Passive comfort in Louden Stalls and Stanchions means **more** milk, larger milk checks, **more** profitable farming for you.

NEW! Barn Cleaner & Hay Drier

Now — see the only Barn Cleaner worthy of the name Louden, and the Hi-Dri Hay Drier. Outstanding features of the Barn Cleaner include Pro-All Drive, MasterLink Chain, Prefab Corners. The Hay Drier eliminates weather hazards, makes **better** hay.

Your Louden dealer has Stalls, Stanchions, other items of Barn Equipment, and **complete information** on Barn Cleaners, Hay Driers, and famous Louden Barn Plan Service. See him TODAY. If you don't know his name, write, without obligation, to:

THE LOUDEN MACHINERY CO.
Established 1867
910 N. Court St., Fairfield, Ia. Branch: Albany, N.Y.

Combination

Stock and Grain Bodies Wear Better, Last Longer

For longest, most satisfying service, get the new Flasco truck body!

Flasco's extra wear, better service are the result of many trucker suggestions and our own experience.

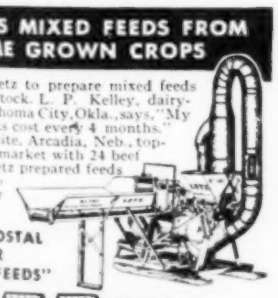
Thousands of truckers call on us at the stockyards. They give us many ideas to improve wear. Our own body repair shop shows which bodies give top service—and why. You get the cream of trucker suggestions and our shop findings in Flasco!

We have engineered Flasco so that you can easily afford it. The price is highly competitive. See your nearest dealer for quickest service and lowest prices. Or write us for his name.

FARMERS LUMBER & SUPPLY
516 S. Chambers, STOCKYARDS, Sioux City, Iowa

MAKES MIXED FEEDS FROM HOME GROWN CROPS

It takes a Letz to prepare mixed feeds for all livestock. L. P. Kelley, dairy-farmer, Oklahoma City, Okla., says, "My Letz saves its cost every 4 months." Thos. E. White, Arcadia, Neb., topped Omaha market with 24 beef cattle fed Letz prepared feeds from start to finish. Never a scour.



MAIL POSTAL FOR "MIXED FEEDS"

LETZ MFG. CO. 1033 NORTH ROAD CROWN POINT, IND.

LOOK! TWO TRACTORS IN ONE with the Handee Axle Converter

Simple to change from row crop to standard tread and back again. See dealer or write to $149.50

HANDEE FARM EQUIPMENT CORP. BETTENDORF, IOWA

FARMER'S WOOL made into blankets, batting, rugs and yarn. Wool batting washed and ready for quilts. Wool made into blankets. Crescent Prod. MONTICELLO WOOLEN MILLS, Monticello 6, Wisconsin.

Farm News Briefs

FEWER IOWA SOWS (208,000) farrowed in July and August this year than in the same months a year ago (217,000), but the number still is third highest on record. And big June farrowings put the three-month (June thru August) total at 430,000, a new record and 11 per cent above 1948.

▲ ▲ ▲

IOWA STATE COLLEGE enrollment this fall is about 8,500, down from last year's record 10,000. Decline is due to fewer GI students, fewer high school graduates last June, and a limit on new enrollees from outside the state.

▲ ▲ ▲

IOWA STILL IS way out in front in number of frozen food locker plants. A July count by USDA showed 859 plants in Iowa. Tied for second are Minnesota and Wisconsin. U. S. Total is 11,245 plants.

▲ ▲ ▲

FLAXSEED will get only 60 per cent of parity price support in 1950, down from this year's 90 per cent. Reason: Farmers overplanted USDA flax goal by 65 per cent.

▲ ▲ ▲

TWO PLOWMEN kept their old titles, and a Polk county farmer got a "new" farm during National Soil Conservation Field Day and Plowing Match, last month. Paul Stiefbold, Will county, Illinois, repeated his 1948 victory in level-land plowing. Dean Wilson, Champaign county, Ohio (where next year's national matches will be held), did the same in the contour contest. The Waechter farm near Runnells, operated by Ben Lourens, got a one-day face-lifting, including pasture renovation, terracing, contour fencing, gully control and farmstead landscaping.

▲ ▲ ▲

JULIUS LENSCH, Shelby county, is new president of the Iowa Rural Electric Cooperative Association. IRECA's annual meeting in Des Moines named him to succeed H. V. Baker, Henry county. The new vice-president is Allert Olson, Mitchell county. George Kirstein, of Wright county, was re-elected secretary-treasurer.

▲ ▲ ▲

ALL-OUT SUPPORT for Secretary Brannan's farm price support plan was urged by National Farmers Union President James Patton at the 33d annual meeting of the Iowa Farmers Union in Des Moines. The convention honored Leo Paulson, Hancock county, Iowa, for signing 700 Farmers Union members since February. President Fred Stover, Franklin county, gave Paulson the IFU distinguished service award.

▲ ▲ ▲

COMING EVENTS: Dairy Cattle Congress, Waterloo, Oct. 3-9; American Royal Livestock Show, Kansas City, Oct. 15-22; Iowa Creameries Association and Iowa Creamery Operators Association conventions, Des Moines, Oct. 21-22; Meat Animal Show, Waterloo, Oct. 25-28; Chicago Feeder Cattle Show, Oct. 27-28; International Livestock Exposition, Chicago, Nov. 26-Dec. 3; Iowa Farm Bureau convention, Des Moines, Nov. 28-Dec. 1.

You Can **SOLVE STORAGE** *and* **DRYING PROBLEMS**

★ PROFITABLY
★ PRACTICALLY
with

HABCO

original ALL-GALVANIZED **CORN CRIBS**

and

HABCO *Famous* **"JET-DRI" Crop Driers**

for drying ear and shell corn, grain and hay, HABCO "Jet-Dri" Crop Driers feature General Electric jet burners and controls. The HABCO "Jet-Dri" makes you money, saves you money. Salvaging your loss from one "wet" year may MORE than pay for a HABCO drier.

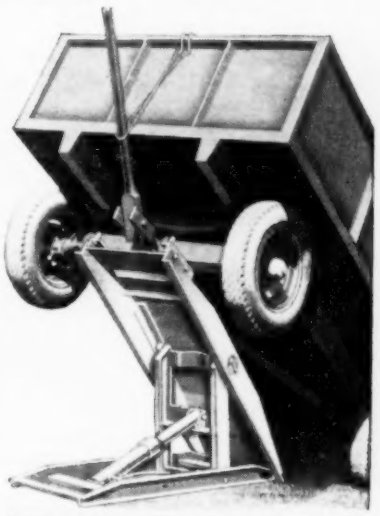
with GENERAL ELECTRIC Jet Burners and Controls

Make your own moisture content! Store your own surplus PROFITABLY! HABCO all-galvanized cribs, featuring "Galvannealed" triple-life, copper-bearing, 5-gauge bar mesh sides, galvanized uprights and bars for added strength, rigidity and long life. PLUS the famous Butler galvanized bin roof, equipped with HABCO tunnels and ventilators MAKES THE IDEAL STORAGE UNIT for approved, profitable storage and proper drying. Available in 1100 and 1680 bu. cap., HABCO Cribs are highest quality at LOWEST per bu. price. Order yours TODAY. Dept. WF-12.

HABCO MANUFACTURING CO. COLUMBUS, NEBR. *Phone 4507*

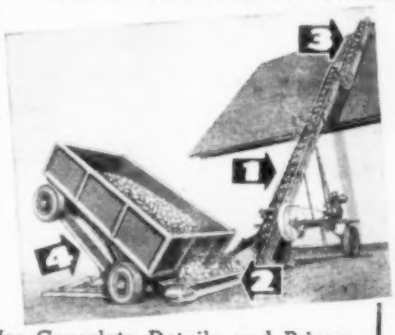
Dump That Wagon
Faster, Easier, Safer

with the NEW **KOYKER HYDRAULIC WAGON HOIST**



Speed unloading operations from wagons and trucks . . . and do it a lot easier and with greater safety, with the New Koyker Hydraulic Wagon Hoist! Ruggedly and simply built, it has a tremendous load capacity. All-steel, welded construction with same high quality workmanship of the famous One Man Portable Koyker Elevator. See it at your dealer or write for free folder.

the IDEAL COMBINATION for Storing EAR CORN and GRAIN in MINUTES with ONE MAN!



Koyker Elevator Equipment is the New, Easy Way for One Man to load and unload Ear Corn, Grain, Shelled Corn, Soy Beans, Potatoes and many other hard to handle items.

1 Portable Elevator . . . all-steel, spring mounted, rubber tired, powerful gas engine. One man operation. Elevates up to 18' at speeds from 15 to 60 bu. per min.

2 Tilting Hopper . . . edge only 11" high, allows maximum body dump. Attaches or detaches to elevator in seconds.

3 Roof Extension Elevator . . . permits portable type to load into high bins. Powered through and attaches to upper end of elevator.

4 New Hydraulic Wagon Hoist . . . pump can be powered by elevator engine, making complete One Man Operation for storing grain and corn.

for Complete Details and Prices See Your KOYKER Dealer or write to:

Kooiker Manufacturing Co., Dept. W-101, Hull, Ia.

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GREAT AMERICAN CORN HARVESTER WITH THE Exclusive STALKWALKER

IT'S THE SAFEST, MOST MODERN CORN HARVESTER EVER MADE

No Gathering Chains to Clog or Break. Only 5 Minutes to Lubricate.

Great American stole the show at every state and county fair this year. Hundreds of these machines are in the fields now, harvesting the 1949 bumper crop in Illinois, Indiana, Iowa, Wisconsin, Minnesota, Nebraska and other states.

MAIL TODAY GREAT AMERICAN FARM IMPLEMENT CORP.
Dept. 5-L, 39 S. LaSalle St. • Chicago 3, Illinois.
Please send FREE complete information, illustrated literature and prices. Also name of nearest dealer where I can SEE this Corn Harvester.
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St. or R. R.
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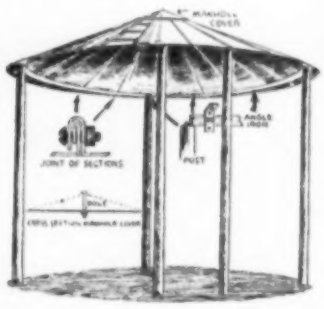


Hastings CORN CRIB ROOF For Wire or Slat Cribs

Thousands of farmers have had serious losses by spoilage of corn due to poor roof over their crib. Whether your corn is sealed or not, you'll stop losses due to poor grades with a Hastings roof. Made of heavy 24-gauge steel, same as in the Hastings and Climax Grain Bins. (One-fifth heavier than 26-gauge.) Manhole cover. Easy to handle. Extreme width of roof: 15', 17' and 18'. Get posts and wire or slat cribbing locally—have a permanent and approved crib at little cost. Supply is limited—get yours immediately.

Hastings GRAIN BIN

Air-circulation, which is actually temperature-control, is vital to safe storage of shelled corn. Hastings automatic draft ventilator, in continuous operation, dries and cures grain thoroughly. World's record for long-time storage of wheat held by a Hastings ventilated bin! Only grain bin with angle-iron around and across bottom, around top and rafters under roof. Cheapest to own. No platform needed.

SEE YOUR DEALER or write us for full details

HASTINGS EQUITY GRAIN BIN MFG. CO., Dept. W-10, Hastings, Nebraska

You Still Have Time

FOR A QUICK COAT OF PAINT

or a small Roofing Job that may save you time and money later on.

See Your Local Lumber Dealer

He Has the Material You Need

Wallaces' Farmer and Iowa Homestead

DES MOINES, IOWA

Farm and Feed-Lot

What Ration For Beef Calves?

To the Editor: Will a ration of four to five pounds of legume hay plus 10 pounds of oat hay winter beef calves satisfactorily so that they will gain three-fourths to one pound per day?

Morrison's "Feeds and Feeding" recommends a daily ration of 12 to 15 pounds of legume hay or mixed hay containing at least one-half legumes. On this ration they will gain from three-fourths to a pound per head daily. The ration you have in mind would carry your calves thru the winter in thrifty condition. But they wouldn't make much gain in weight.

If you feed the calves two or three pounds of grain per head daily, in addition to the roughage, gains probably will be satisfactory.

State Will Test Your Herd For Bang's

To the Editor: Does the state conduct tests for Bang's disease? Or should we get our local veterinarian to do the work?—A. N., Clinton County, Iowa.

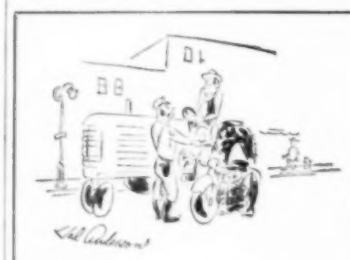
Yes, the state of Iowa conducts tests of cattle for brucellosis (Bang's disease), says State Veterinarian Dr. H. U. Garrett. Here is how the voluntary test and slaughter plan works:

The state pays the veterinarian of your choice, who does the testing. The state and the federal government combine to pay an indemnity when reactors are sent to market. The state pays one-third of the difference between the appraised value and the market value to a maximum of $12.50 for a grade animal and $25 for a purebred.

The federal government matches this indemnity. So, an owner can collect up to $25 indemnity for a grade animal and $50 for a purebred. Owner and veterinarian together do the appraising.

Here's how it works: Suppose you and your vet agree that $100 is a fair appraisal value for a certain cow. She is found to be a reactor, and goes to slaughter. If the cow brings $70, the state pays the owner $10. The federal government pays him $10. He stands the other $10 loss himself.

If you are interested in this plan, you should see your local veterinarian.



"Let's put it this way, Mac: I don't come tearing thru your corn field on my motorcycle, do I?"

New SNOWCO WAGON UNLOADER with Elevating Auger

Completely eliminates shoveling, heaving! Tractor does all work. Speeds work amazingly! Fits any standard flare or ordinary wagon box. Complete unit unloads and elevates small grain, ground feed, and shelled corn. Or remove the spiral tube and unload into your elevator, including Ear Corn! 6-in. bearing-mounted augers. Most inexpensive quality-built combination on the market—saving in time and labor pays for it quickly.

WRITE Rush name for illustrated literature.

Price $150.00 Complete—F.O.B. Omaha

SNOW CORPORATION

DEPT. W-8 OMAHA, NEBR.

CORN CRIBS and GRAIN BINS

CHAMPION "Hi-Quality" CRIBS

LOWER COST LONGER LIFE

Permanent, to last lifetime. Scientifically ventilated—keeps corn in perfect condition, dry, clean and bright. SAFE from rats and other damage. Shipped complete. Easy to assemble—easy to move. Many sizes, 1000, 2000, 2500 bu., etc. 40 years of premium quality.

CHAMPION "Hi-Quality" BINS

ORDER NOW

Immediate Delivery

Permanent, lock-seam, grain-tight. Easy to fill, easy to empty. Cheaper and better than building your own. All sizes, 500 bu. up. SEALING ALONE PAYS FOR YOUR CHAMPION CRIB OR BIN. Also silos, hog and poultry houses, garages, etc. SEE YOUR DEALER or write direct.

WESTERN SILO CO. DEPT. W-10 WEST DES MOINES, IOWA

OFF THE COB INTO THE BAG

• New Holland's High-Capacity, Low-Cost Corn Sheller delivers 100 to 200 bushels of shelled corn per hour from husked ears. See your New Holland Dealer or write for free catalog.

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SAVE UP TO $100—BUILD YOUR OWN FLARE TYPE WAGON BOX with ROCKLIN WAGON BOX HARDWARE KIT

Complete Kit And Instructions only $19.95 + Iowans Add Sales Tax

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A HEREFORD DISPERSION

Sale at farm, located 30 miles north of Cedar Rapids and 10 miles south of Manchester on Highway No. 13 to Ryan, Iowa, and 5 miles east, good gravel road

JHR COLORADO DOMINO 3rd—a top bull at 1948 National Western Show, Denver, Colorado, a son of Colorado Domino I 101st, one of the better sons of Colorado Domino E. 10th. A good 3-year-old tried and proven herd bull.

Delhi, Iowa
Saturday
October 15th
• • •
90 Head

35 Grand Cows with Calves—About 25 Calves sell alone
20 Choice Yearling Heifers
9 Bulls—Herd Sire and Younger Bulls

This is a long-established herd, where good cattle have been produced. A line-bred **COLORADO DOMINO** herd for more than 10 years. Breeding that has proven its worth. The 35 grand brood cows are mostly daughters of **COLORADO DOMINO I. 144th** and **COLORADO DOMINO M. 56th.** They sell with big lusty calves at foot by **JHR COLORADO DOMINO 3rd.** About 25 will be sold alone for **4-H** and **F.F.A.** Club members . . . ideal for their Club work. A few are sired by **COLORADO DOMINO F. 300th.** 20 beautiful yearling heifers, several are bred to **JHR COLORADO DOMINO 3rd.** The 9 bulls include the 3-year-old herd sire and 2 yearling bulls by **COLORADO DOMINO M. 56th.** 7 choice coming yearling bulls by **JHR COLORADO DOMINO 3rd.** Real prospects. Remember a **DISPERSION** always offers **BARGAINS. COME.** Ask for **FREE** catalog. Kindly mention this publication.

A. M. & D. M. McDONALD, DELHI, IOWA

Auctioneer, Guy Pettit. Maurice W. Boney, Fieldman.

Prize-Winning Herefords

MACON, MISSOURI
TUESDAY, OCTOBER 11th

Starting at 12:30 P. M.

WHR HELMSMAN 83rd, lot 1 selling. A full brother to the $100,000 famous WHR HELMSMAN 3rd. A real herd sire for someone.

BHR MISS HELMS A. 13th, the Iowa, Illinois and Missouri undefeated grand champion. She sells and others of like merit.

75 HEAD—55 GRAND FEMALES, 20 GREAT BULLS

A select draft from one of the finest Hereford herds of the breed. The 55 females include several wonderful cows with big calves and rebred, an excellent lot of bred heifers and many attractive open heifers. They are mostly by **WHR HELMSMAN 87th**, a wonderful breeding bull, **WHR HELMSMAN 83rd** (illustrated here), a full brother to the $100,000 WHR Helmsman 3rd. . . . He sells and will make a herd bull for the best herds. The undefeated grand champion heifer sells (illustrated here). She is a sample of the kind produced on the **BIANCHI RANCH.** Females carry the service of **WHR HELMSMAN 87th, WHR HELMSMAN 83rd,** sons of the **87th** and **CHR DOUBLE LARRY,** a grandson of Larry Domino 50th out of a Larry Domino Dam. The bulls will please and include the great **83rd.** 10 excellent bulls of serviceable age and 10 choice bull calves . . . you can find herd bulls here. Show and breeding cattle of the highest order, blood lines unsurpassed. **COME!** Ask now for **FREE** beautiful illustrated catalog. Kindly mention this publication. Address

BIANCHI HEREFORD RANCH, MACON, MO.

Chas. Bianchi, Owner Nick Tomlin, Mgr. Floyd Coons, Herdsman

JEWETT FULKERSON, Sale Management Service, Liberty, Mo.

Auctioneers, A. W. Thompson and J. Fulkerson M. W. Boney, Fieldman

BURR HEREFORD FARM

Sale at farm, located 6 miles west on U. S. No. 6

West Liberty, Ia., Mon., Oct. 10th

70 Head

20 GRAND COWS WITH BIG CALVES
20 EXCELLENT 1949 CALVES
10 GOOD YOUNG BULLS

A splendid offering which includes 20 cows with calves at side by **REAL BRUCE D. K. 17th** and rebred to him. He was champion bull of the 1943 Iowa State Show and Sale . . . most of the calves will be sold separate . . . a few go with the Dams. Twenty extra choice calves dropped in March, April and May, 1949, by **H. & D. ZATO LAD JR.,** 1946 Iowa State Show and Sale Reserve Futurity champion . . . the blood that is producing the top selling **HEREFORD CATTLE** in America. The Dams of the 20 calves are daughters of **REAL BRUCE D. K. 17th.** A real opportunity for 4-H and FFA members to make admirable and profitable selections. The 10 bulls include the herd sire, **REAL BRUCE D. K. 17th,** an excellent tried and proven sire, his progeny in the sale will be evidence of his worth as a breeding bull. 2 good rugged yearling sons sell and 1 son of **H. & D. ZATO LAD JR.** My neighbor, **MARTIN WINDUS,** offers 6 rugged yearling bulls 18 months old, ready for immediate service. You can find a bull here. They are strong in the blood of **REAL PRINCE DOMINO 33rd.** Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address either

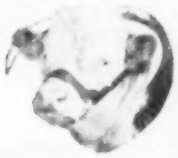
GLENN W. BURR or LORREN BURR

Rt. 1, WEST LIBERTY, IOWA

Auctioneer, Tom Sherlock M. W. Boney, Fieldman

9th ANNUAL MARION COUNTY
HEREFORD SALE

in Bingley Sale Pavilion
SHOW—9:00 A. M. SALE—12:00 NOON



Starts at 12:00 Noon

Knoxville, Iowa
SATURDAY, OCTOBER 22

119 HEAD

35 BULLS — 56 COWS WITH CALVES
13 BRED HEIFERS 15 OPEN HEIFERS

Marion County has won many honors on their cattle . . . including County Champion Hereford group of 4-H heifers at 1946-1948 Iowa State Fair, second prize group in 1947 . . . Champion heifer 1946 and 1947—similar blood lines offered in this auction. Most bulls ready for service . . . a bull for every need. 56 grand breeding cows with big lusty calves at foot. Choice bred cows and heifers, mated to top herd sires and attractive open heifers. The offering will include a complete dispersion of the **JOE M. JOHNSON** herd which was founded on WHR breeding. Also the **H. J. WOODY** herd will be a partial dispersion. The consignors are:

Wm. T. & Carrie Murphy	Knoxville	Maurice Core	Indianola
A. W. Goff	Chariton	Perrin Hereford Farm	Chariton
Frank Chamberlain	Osceola	Joe M. Johnston	Knoxville
Goff & Presley	Knoxville	A. L. Yocum	Chariton
Earl Williams	Chariton	Everett Kennedy	Knoxville
Jim Hartley	Dallas	Alva Chandler	Chariton
W. F. Dean	Osceola	Mike Bakalar	Knoxville
H. J. Woody	Reasoner	William T. and Carrie Murphy	Knoxville

The offering will compare favorably with any we have offered. The blood lines of the following sires are represented: Domino Imperial, VIA Bo Carlos, Determined Domino 12th, G. Roy Rupert, H. & D. Tone Lad, American Domino 6th, Anxiety A7tell, Monogram Prince, Royal Rupert K. 35th, HT-R. Rupts, WHR 41st, Royal Ruper K. 14th, Super Anxiety 30th, Heritage Domino, Western Prince 14th and Advance Domino N. 5th. Best of blood lines. All **T.B.** and **Bangs** tested. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

WALTER L. BROWN, Sale Mgr., KNOXVILLE, IOWA

Auctioneer, Fred Chandler M. W. Boney, Fieldman

Banquet and annual meeting 7:00 P. M., October 21st. All are invited.

Retzlaff's Shorthorns

Sale at farm, located 7 miles east and 2 miles south of Lincoln, Nebr., on hard road at

Walton, Nebraska

WEDNESDAY, OCTOBER 26th

BRAEMOR STARRY ARCHER, son of Millhills Starry Archer. 1st at Iowa and Nebraska and Reserve Grand Champion at Nebraska. A real prospect.

GOLDEN CHAIN 67th, daughter of Millhills Starry Archer. 1949 Nebraska Grand Champion. Mated July 29th to Kelburn Captain. One of the valuable females to sell this year.

50 HEAD — 14 GREAT BULLS, 36 WONDERFUL FEMALES

A grand offering from the herd of Carl Retzlaff & Sons, one of the oldest and strongest herds of the breed. The 14 bulls are all yearlings and ready for service. They are sired by **MILLHILLS STARRY ARCHER**, most of them are out of daughters of **N. U. GOLD NUGGET**, Denver Grand Champion. Real herd bull propositions. The females include 9 wonderful cows with calves and rebred. Mostly daughters of **BRAWITH NUGGET**. 7 calves are by **MILLHILLS STARRY ARCHER**, 2 by **KELBURN BANKER**, real show prospects. 11 bred cows, mostly daughters of **BRAWITH NUGGET** and mated to **MILLHILLS STARRY ARCHER** and **KELBURN BANKER**. 10 beautiful daughters of **MILLHILLS STARRY ARCHER**, bred to **KELBURN BANKER** and **KELBURN CAPTAIN**, both sons of the Perth Champion, **MOUNT BANKER** (Imp.). 6 open heifers by **MILLHILLS STARRY ARCHER**, many from the show barn, just right for **4-H** project next year. **OUR ENTIRE 1949 SHOW HERD SELLS.** The opportunity of the year. Show and Breeding cattle. Plan to attend. Ask now for **FREE** beautifully illustrated catalog. Kindly mention this publication. Address

MERVIN F. AEGERTER, Sale Mgr., SEWARD, NEBRASKA

Auctioneers, J. E. Halsey and John Donner M. T. White, Fieldman

Make Hotel Reservations at Hotel Lincoln, Lincoln, Nebraska.

ANNUAL PUREBRED SHORTHORN

CLUB CALVES

Second prize steer at the 1947 Chicago International. Beaten only in class by Big Boy, the grand champion. This steer was bred by us and fitted by Neal Anderson, Cherokee, Iowa.

50 Steer Calves

25 Registered Heifers

At the Sale Pavilion

CHEROKEE, IOWA

SATURDAY, OCT. 8th

Steers selected from our previous sales have stood high and won at many of the local Iowa 4-H fairs and at the regional shows at Denver, the Ak-sar-ben, Nebraska State Fair, South St. Paul, and Sioux City. This good offering is of the same stamp and quality of the previous years and are from registered sires and dams. All calves carry tattoo marks and full breeding records and information is available. This top offering is sired by the same good sires as last year's crop—**BROWNDALE PERFECTION, GOLDFINDER MARK, PERFECTION CLIPPER, PERFECTION JR.,** and our new herd sire, **PROUD PRINCE ACHTOI** by Dup. Coggleston Proud Prince.

The **25 REGISTERED HEIFERS** are tippy and loaded with quality . . . Ideal for the young boys and girls in project work to start the foundation of a good purebred herd. They are all registered and the papers will be transferred to the new owners.

Come early and make your selection. The sale starts at 1:00 P. M. We would like to have you with us, but if unable to attend, Maurice Boney, Fieldman for this paper, will give careful attention to your buying instructions. Kindly mention this paper when writing for further information.

OTTO THIEDE & SONS, BURTON, NEBRASKA

Auctioneer, Harry Dewar, Cherokee, Iowa Maurice Boney, Fieldman

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CENTRAL MISSOURI

FEEDER CALF SALES

1800 HEAD	**CHOICE CALVES AND YEARLINGS** Sales Start at 1:00 P. M. Each Day
800 HEAD	**FAYETTE, MISSOURI, OCTOBER 10th** (Howard County) R. E. LLOYD, Secretary, Fayette, Mo.
600 HEAD	**COLUMBIA, MISSOURI, OCT. 11th** (Boone County) T. A. EWING, Secretary, Columbia, Mo.
400 HEAD	**MONTGOMERY CITY, MO., OCT. 13th** (Montgomery County) BEN KILGORE, Secy., Montgomery City, Mo.

Cattle sorted into uniform lots according to size, sex and quality . . . by Extension Animal Husbandmen, University of Missouri. The cattle sold by the pound. All cattle will be consigned by farmers and brought fresh from the farm on sale date and sold by the pound on in-weights. Steer and heifer calves of **ANGUS** and **HEREFORD** breeds predominating. Some short yearling steers.

For further particulars and **FREE** information write to the Secretaries listed above. Kindly mention this publication.

TERMS: Cash. Auctioneers, C. C. McGennis and O. B. Johnson

Complete Dispersion

AUCTION SALE

At Huleguard Farm, Rochelle, Illinois

FRIDAY, OCTOBER 21, 1949

106 Head of Registered Aberdeen-Angus Cattle
$28,000 Worth Farm Machinery and Equipment

ABERDEEN-ANGUS SALE AT 1:30 P.M.—Entire herd consists of seventy females, fifteen now have calves at foot, others will calve before sale; twenty-five heifers ready for breeding late this year, ten young bulls, and the herd sire (Ames Plantation Best Beau—680526—a son of the many times champion, Ames Plantation El Capitan—597021). In addition are eight purebred Holstein cows, and several young Angus steers. The better known families represented in the herd are Blackcap Bessie, Eline Erica, McHenry Blackcaps, Tweeny Elba, Lady Ida, Pride of Aberdeens, Blackbirds and Queen Mothers. There are also several excellent members of Dimple family which should be heard from before long. Until January, 1949, the herd sire was Revolt of Fountain Glen (644654), judged grand champion at Indiana State Fair, his one and only appearance in a show ring. He sold in the Miller and Cole dispersion for $6,500.00. Direct importations made from Scotland to improve blood lines and these females will be in sale ring.

LAND AND BUILDINGS—Two sets of buildings and 650 acres of Huleguard Farm will be sold at Public Auction in November. Those attending present sale are welcome to inspect premises and if interested will be furnished complete particulars.

AUCTIONEERS—**Cattle:** Hamilton James, Newton, Illinois. **Machinery and Equipment:** Milt Reichard—Phone 235, Rochelle, Ill. **Financing:** Illinois National Bank and Trust Company, Rockford, Illinois, will finance this sale by extending favorable credit terms if desired.

MACHINERY AND EQUIPMENT SALE AT 9:30 A.M.—The full complement equipment and tools used on this 875-acre farm, purchased new within past three years . . . includes an IHC self-propelled 12-foot combine harvester, Model TD-9 Diesel Trac-Tractor (with wide tracks), two Model H and one Model B IHC tractors; Model 50-T IHC self-powered baler; one Model K-2 IHC ¾ ton pick-up truck with combination grain-stock body; a 500 G.P.M. irrigation pump on rubber-tired trailer complete with 600 ft. of 2½ hose and 100 H.P. Chrysler engine; a Mall 3-ft. gasoline powered chain saw with sharpener; four-row John Deere planter, one Case 5-bottom plow, one Oliver 2-bottom plow, two IHC heavy-duty 8-ft. discs, one side delivery New Idea rake, one Letz roughage mill, one Barrentine grain roller, one John Deere manure spreader, two cultivators, one IHC corn binder, 16-ft. soil roller, 10-ft. IHC grain drill with seed attachment, two elevators, hydraulic manure loader, two rubber-tired wagons, 5-ton capacity all-steel trailer with dual tires, tractor-mounted mower, portable hog houses, steel water tanks, hay and grain bunks, self-feeders, fence chargers, hand tools.

TRANSPORTATION—Suitable markers on all highways leading to farm. By rail, Rochelle is located on both Chicago & Northwestern (Chicago-Omaha Division) and Chicago, Burlington & Quincy (Chicago-Twin Cities Division). Oregon served by latter Road only. Rochelle has an accredited *airport* and there are a number of fields on the farm where a light plane can land.

H. V. HULEGUARD, Box 313, Rochelle, Ill. Phone 661-K Rochelle

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8TH ANNUAL

South Eastern Iowa Holstein Breeders

In Wellman sale barn north edge of town, located 20 miles southwest of Iowa City

WELLMAN, IOWA, WED., OCT. 12th

Starting at 12:00 Noon

60 HEAD — GOOD CATTLE

Consigned by the leading breeders of this area. Both **Purebred** Registered and **High Grades**. Close springers or just fresh purebred and high grade females. Several bred and open heifers. Good purebred registered bulls out of high producing Dams. Ask for **FREE** catalog. Kindly mention this publication.

CO-MANAGERS

D. G. YODER, Kalona, Iowa **CLAUDE E. WYLAM, Waverly, Iowa**

Ayrshire Auction

Dairy Cattle Congress Grounds

WATERLOO, IOWA, THURSDAY, OCTOBER 13

STARTS 12:30 P. M.

An outstanding group of cattle . . . every animal is required to have a record of at least 9,000 lbs. milk or 360 lbs. fat or be out of a Dam that will meet these requirements. Included are cows . . . bred heifers . . . heifer calves and bulls. All Bulls will have **"SELECTED"** or **"PREFERRED"** Pedigrees. Sale sponsored by IOWA AYRSHIRE BREEDERS ASSOCIATION. **YOUR OPPORTUNITY TO BUY THE BEST.** Ask now for **FREE** catalog. Kindly mention this publication when writing. Address

RICHARD M. SEARS, Sale Mgr., GRINNELL, IOWA

Marion Timmins, Pres., Osceola, Iowa Leland Skoog, Secy., Elberon, Iowa

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When writing to our advertisers, please mention that you read their advertisements in Wallaces' Farmer and Iowa Homestead.

INTERSTATE ABERDEEN
ANGUS SALE

SHOW—9:00 A. M. SALE—12:30 P. M.

Judge—W. W. Derrick, University of Nebraska

SIOUX CITY, IOWA

STOCK YARDS HORSE BARNS

MONDAY, OCTOBER 10, 1949

75 Head — 45 Choice Bulls — 30 Well Bred Females

This is one of the best offerings ever presented by our Association. They have been personally inspected and only top quality cattle are listed. They are consigned from **28** leading herds in **Iowa, Nebraska, South Dakota** and **Minnesota.** The **45** bulls are a great lot . . . all ready for service. The type and merit for real herd sires. You can find bulls that will please here. The best we ever sold. The females are a grand lot, choice young cattle sired by good herd bulls, excellent individuals, rich in pedigree and the sort suitable for breed improvement. The best families are represented.

CONSIGNORS

Lloyd C. Albers & Son	Sutherland, Iowa	Houston Bros.	Dunlap, Iowa
Tom Barratt & Sons	Irwin, Iowa	Johnson Bros.	Ida Grove, Iowa
Henry Bauer	Kingsley, Iowa	Enoch & Bob Johnson	Galva, Iowa
George G. & Duane Clark	Worthing, S. D.	Fred Knop & Sons	Charter Oak, Iowa
Kent Craford & Sons	Onawa, Iowa	Korth Farms	Watertown, S. D.
William Drabota	Monroe, Nebr.	Layton Angus Farm	Walnut, Iowa
Eikmeier Bros.	Pipestone, Minn.	Waldo H. Lundt	Linn Grove, Iowa
Nick H. Fox	Watertown, S. D.	Justin A. Mortvedt	Dell Rapids, S. D.
Harold C. Fritzel	DeSmet, S. D.	Mylan & Hanson	Remsen, Iowa
Gard Bros.	Beaver Crossing, Nebr.	Ed. J. Neidig	Madison, Nebr.
Dwight M. Garner	Ida Grove, Iowa	P. K. Pratt	Walnut, Iowa
Walter R. Griesse	Rock Rapids, Iowa	H. W. Sawyer	Howard, S. D.
Dr. H. H. Harris	Battle Creek, Iowa	Ben G. Studer	Wesley, Iowa
Vearl Hess	Spencer, Iowa	Percy H. Upton	Madison, Nebr.

This is a sale that will afford buyers a rare opportunity to make profitable selections. A large number offers a wide selection. They are sold by good dependable and reliable breeders. Rich in best blood lines. Choice individuals displaying real type, merit and quality. All **T.B.** and **Bangs** tested. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

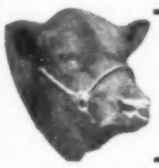
P. K. PRATT, Sales Manager, WALNUT, IOWA

Auctioneers, Roy Johnson and Ray Sims M. T. White, Fieldman

SALE CIRCUIT—October 11, Botna Valley Assn., Atlantic, Iowa. October 12, Whittum & Herkelman, Stuart, Iowa.

DISPERSION SALE
Royally Bred
ANGUS CATTLE

the Herd of Whittum & Herkelman



STUART, IOWA,

WEDNESDAY, OCTOBER 12

Twenty years ago we established this herd by buying the very best, and the most choicely bred, families that were then known to the Angus breed. In the years that have intervened since we made our first purchases we have built this herd up by buying the very best cattle individually and the best blood lines that were offered, in the leading public sales, and from the very best breeders. Our herd has had the reputation of being one of the better in this section of the state. There will be 90 lots in this sale, about 140 head altogether. Two splendid herd bulls, Forest Park Marshall 25th, a 6-year-old by Muskogee Marshall, a richly bred Blackcap, carrying the best Kershaw breeding; and Burgess Bardolier B. a 2-year-old bred by John Brown and a good one. We are selling 25 bred cows well along in calf, and 50 cows with calves at foot. Then there will be 10 open heifers and 10 bred heifers, and eight young bulls. With the exception of two the bulls are all sired by Forest Park Marshall 25th. The calves selling with their mothers are all sired by our two herd bulls. Among the cows selling are several McHenry Barbaras, Ballindalloch Blackbirds, Queen Mothers and other popular strains.

One top heifer sired by **PROUD EHRMAN** of Harkens Farm, and some good heifers by **REVOLUTION** of **BANDOLIER**—then there will be other choice heifers bred to **BURGESS BANDOLIER B.** It will be a great place to buy cows with calves, and to buy 4-H calves. Our herd is one of the cleanest in the state. We will appreciate your presence at our sale. Write for catalog at once and please mention Wallaces' Farmer and Iowa Homestead when doing so. Address

WHITTUM & HERKELMAN, STUART, IOWA

Auctioneers, N. G. Kraschel and Ray Simms M. T. White, Fieldman

Dispersion Sale
100 Head Aberdeen
ANGUS CATTLE

At the farm, eight miles northeast of

DENISON, IOWA
Monday, Oct. 17th

Selling 15 Head of Belgian Horses (7 Registered)
One five-gaited Saddle Mare, with four white points

This sale is being made to settle the estate of Frances Hutchinson and Alfred Hutchinson. There will be 45 head of cows and forty will have calves at foot. Included will be our two good herd bulls, **EBONY'S REVOLUTION 12th,** an Elsa Trojan Erica, bought in the Sioux City sale in 1949, and **BELL BOY 3d OF ADA** 673702, bred by McGregor. These two herd bulls have been used in the herd and the calves at foot are all sired by them. There will be 48 heifers in our sale, including our show herd around the fairs this fall. We won two grand champions at the fairs this fall, eight blues and one white. Among the families are Bandoliers, Prides of Aberdeens, Kildonan Ericas, daughters and granddaughters of old Earl Marshall and other noted herd bulls. This has been a working herd, as the calves will show on day of sale.

Selling one good Belgian stallion, one April stud colt, 7 head registered horses, one filly two years old. When writing for catalog address

ALFRED HUTCHINSON, Adm., DENISON, IOWA

Auctioneer, N. G. Kraschel M. T. White, Fieldman

"The Breed That Fills Every Need"

Milking Shorthorn Dispersal

AND CONSIGNMENT SALE

At Ralston Sales Pavilion

Sheldon, Iowa

1:00 P. M.

THURSDAY, OCTOBER 20th

50 — HEAD — 50

- **20 Choice Cows and Heavy Springers**
- **10 Good Rugged Bulls (ready for service)**
- **20 Yearling Heifers and Heifer Calves**

W. E. KRUCKEBERG, Hickory Acres Farm, Chariton, Iowa, is dispersing his fine herd. The herd sire sells . . . he a top 2-year-old son of **WACHUSETT MASTER RM,** one of the high index sires of the breed. Granddaughters of Wachusett Master will be selling as will 2 beautiful daughters of the Imported **WINTERDYNE LORD FURBELOW,** used in the Craigway Farms herd, Minneapolis, Minn. It is only in a dispersion sale such as this that such choice breeding stock is ever offered for sale.

EDWIN A. MILLER, Rock Valley, Iowa, is consigning 2 good serviceable bulls. One a son of the noted cow, Besty Clay, whose fat average is over 400 pounds and she herself weighed 2,190 pounds a year ago.

DONALD PETERSON, Kanawha, Iowa, entering a choice yearling heifer and a serviceable aged bull.

FLOYD CREST FARM, Sheldon, Iowa, will enter several good bulls of serviceable age and a few choice young heifers. Other consignments are being added to make this a worthwhile event for those needing foundation cattle.

Cattle From Ancestry of Proven Merit Cost No More . . . They Pay! This offering will please all those interested in production and quality. **FREE** catalogs available on request giving records and breeding information. Please mention this paper when writing.

WALTER KRUSE, Sale Mgr., SHELDON, IOWA

Auctioneer, Burritt B. Allen Maurice W. Boney, Fieldman

Milking Shorthorn Dispersal

Sale Barn

MASON CITY, IOWA

Saturday, Oct. 15

8 Bulls — 32 Females

Popular breed and profitable **Milking Shorthorns.** The 2 herd sires, **SIXTH BARON CHARLIE** by Newalcam Prince Charlie **RM,** first 3 dams averaged 17,191 lbs. milk, 671 lbs. butterfat. 8 **RM** daughters average 11,022 lbs. milk, 432 lbs. fat. A herd sire for someone, and **BONVUE ROYAL MOONAN.** Also 6 good young bulls. The **32** females include cows in production, close springers, bred cows and heifers and heifer calves. Plenty of production, rich pedigrees, cattle that will please. A **DISPERSION** always offers bargains—**COME!** Ask for **FREE** catalog. Kindly mention this publication.

ROY L. WATERHOUSE **BUCHANAN COUNTY** **STANLEY, IOWA**

Auctioneer, J. E. Halsey

CRESTON HEREFORD BREEDERS SALE

ORIENT, IOWA
THURSDAY, OCT. 13
25 BULLS
35 FEMALES

SALE STARTS 12:30 P. M.

Our sale offering is a draft from 19 of the good herds of southern Iowa. The bulls are of unusual quality and will appeal to the buyers, practically all are of serviceable ages. The 35 females include young cows with calves at side, bred and open heifers, the right type to make herd replacements or to build a new herd. This sale presents an excellent opportunity for the 4-H boys and girls to select a good calf for next year and for you to add some high quality Herefords to your herd.

CONSIGNORS

Adolph Beck	Lenox	Wayne Sheriff	Orient
Walter Blauer	Afton	H. J. Sheriff	Orient
Alva Chandler	Chariton	Ralph Starry	Cromwell
Harvey Davis	Orient	Darrell Stevens	Cromwell
Ford Brothers	Tingley	Donald Wimmer	Afton
T. M. Hayden	Creston	Mrs. C. S. Wimmer	Afton
R. C. Mack	Truro	Henry Wienkoetz	Afton
Harvey Rostat	Greenfield	Cecil Walker	Truro
D. R. Ryan & Sons	Corning	Floyd H. Woods & Sons	Orient
Ira Reed	Orient		

"Remember Orient, Iowa, Thursday, October 13th, for Quality Herefords"

For your catalog, address

Lloyd H. Woods, Creston, Iowa

Auctioneers, Freddie Chandler and Henry Howe — M. T. White, Fieldman

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FALL CLASSIC

Hawkeye Holstein Breeders

Dairy Cattle Congress Pavilion

WATERLOO, IOWA
Monday, October 17th

Starting at 12:00 Noon

60 HEAD
50 QUALITY FEMALES—all ages
10 SERVICEABLE AGE BULLS

A grand offering selected with care, every one inspected by the state sale committee. The consignments include:

FRANK PASCHAL, Lamont—A real milky daughter of Challenger Transmitter and bred to a son of Sir Tritomia Transmitter. The cow herself has 402 lbs. Fat 3.9% test 2x 302 days; her dam, 493 Fat on 2x.

I. P. STEWART, Maynard—A granddaughter of Posch Ormsby Fobes 11th, due in January to Pabst Burke Piebe Tritomia.

MEN'S REFORMATORY, Anamosa—A fresh two-year-old out of a 500 lb. four-year-old, and tracing to Sir Ormsby Inka Rue Bess.

ROY FINSTER, Eldora—A great granddaughter of Hope View Fobes Aspirant and bred to Hope View Fobes Sponsor, due March 1st.

HALVAR FOSSE, Radcliffe—A six-year-old cow of Carnation and KPOP breeding, due November 11 to Gilkey Farms Craftsman VG.

HUBERT CAMPNEY, Emmetsburg—Three daughters of Maytag Ormsby Fobes 2nd; one due March 24, another December 28, and the other October 11, to the services of Hawkeye Ormsby Fobes Pride. His dam has 663 lbs. Fat, 4.4% test.

SPIES AND LEIN, Graettinger—A bred two-year-old due December 16th to Linnwood Dictator Prince, nominated for All-American Senior Yearling in 1948, out of a granddaughter of Governor of Carnation.

HAL DANE, Iowa City—An intensely bred Triune, a KPOP Tidy breed cow, and a bull sired by a grandson of Clive Ormsby Fobes Felton.

J. A. POWERS, Waukee—Three females, two bred and from over 500 lb. fat dams on 2x. Also a service aged bull sired by Sir Transmitter Bomber E, out of a 664 lb. fat 2x dam.

ELMER BEHNEMAN, Arcadia—A bred heifer to calve in January and out of a 648 lb. fat dam. Heifer is sired by Deen Var IC Transmitter.

J. E. BRYANT AND SONS, Zearing—A bred heifer sired by Carnation Homestead Model due in December to service of Butternut Transmitter.

MAN-CRY-CO FARMS, Manning—A bred heifer due in February to Pabst Roamer Gallant and out of a 528 lb. 2x dam. Her grand sire, Montvic Chieftain 10th. Also a bull sired by Gilkey Banner Trixie and out of a 465 lb. fat two-year-old on 2x, testing 4.07%.

IOWA HOLSTEIN BREEDERS' ASSOCIATION
912 Waterloo Bank Bldg., Waterloo, Iowa

Auctioneer, Dave Yoder — M. W. Boney, Fieldman

SHORTHORN SALE

At Rothlisberger Farm, located 12 miles east of West Union and 4 miles south of Elgin, at Junction of No. 56 and No. 296

ELGIN, IOWA, WEDNESDAY. OCT. 12TH

PRINCE WILLIAM 6TH, grand champion at Iowa State sale and top selling bull. A son of Prince William (Imp.)

EDELLYN NATIONAL LEADER, 3rd at 1948 International, by Saltoun Squadron Leader (Imp.) Dam a daughter of Calrossie Mercury (Imp.)

45 Head
15 GOOD RUGGED BULLS—30 CHOICE FEMALES
15 4-H CALVES SELL BEFORE OTHER SALE

H. E. "Ted" WHITFORD & SONS, Volga, Iowa: 18 head, 10 bulls, 8 females. Bulls ready for service by **REGAL GLOSTER**, a son of Regal Clipper, and **HELFRED HEADLIGHT** by grand champion Brae Lodge Headlight. Real herd bull prospects. One cow with calf by Helfred Headlight, 3 bred heifers and 4 open heifers. The families are **LAVENDER, ROSEWOOD, AUGUSTA** and **DUTCHESS OF GLOSTER.**

S. S. DAVIS & SON, Wadena, Iowa: 12 head, 10 females, 2 bulls. One yearling bull by **MASTER MADE**, grandson of Supreme Goldfinder. Our herd bull, **BONNY DALE COUNT 3rd**, a red 3-year-old grandson of Rugler's Champion. 3 cows and calves. 7 extra choice heifers mated to **EDELLYN NATIONAL LEADER.** 3 attractive open heifers. The families are **ROSEMARY, VICTORIA, LAVENDER, ROSEBUD** and **ACANTHUS.**

F. ROTHLISBERGER & SON, Elgin, Iowa: 15 head, 12 females, 3 bulls. The 3 bulls good solid colors, real quality by **PRINCE WILLIAM 6th.** There are 6 grand cows with calves at side by Prince William 6th and 6 heifers by Prince William 6th and **GOLDEN VICTOR** by Supreme Goldfinder. The families are **ROSEWOOD, AUGUSTA, CLARA, LAVENDER, DEVERGOIL, VICTORIA,** and **ROSEMARY.**

HELFRED HEADLIGHT by the grand champion Brae Lodge Headlight. Dam by Proud Archer. His progeny will please.

A grand offering selected from three good herds. Rich breeding, dependable cattle. Plan to attend. Ask for **FREE** catalog. Kindly mention this publication. Address either

F. ROTHLISBERGER & SON
Elgin, Iowa

H. E. WHITFORD & SONS
Volga, Iowa

S. S. DAVIS & SON
Wadena, Iowa

Auctioneer, J. E. Halsey

BOTNA VALLEY ANGUS BREEDERS

Cass County 4-H Fair Grounds

Atlantic, Iowa, October 11th

Starting at 1:00 P. M.

7 BULLS — 25 FEMALES

Selected from 16 good herds and include well bred cattle. The bulls are ready for service. Real herd bull prospects. Females include cows with calves, bred cows and heifers, and open heifers. Rich in best blood lines. The consignors are:

J. E. AMDOR, Massena; **J. J. BEATTIE**, Stuart; **H. T. CARVER & SONS**, Atlantic; **MILO B. CLARK & SONS**, Botna; **PAUL F. FELTON & SON**, Neola; **FINDLAY & CHRISTENSEN**, Harlan; **OTTO FRANK**, Manilla; **WAYLAND HOPLEY FARMS**, Atlantic; **HOUSTON BROTHERS**, Dunlap; **F. B. LAYMAN & SONS**, Rockwell City; **LAYTON ANGUS FARMS**, Walnut; **FRANZ PINGEL**, Shelby; **P. K. PRATT**, Walnut; **TIPLING BROTHERS**, Fontanelle; **WHITTUM & HERKLEMAN**, Stuart; **A. H. WHITTUM**, Stuart.

4-H and **FFA** Club calves will be sold following the breeding cattle. An opportunity to buy breeding cattle and Club calves. Plan to come. Ask for **FREE** catalog. Kindly mention this publication. Address

J. E. AMDOR, Secy., MASSENA, IOWA

Announcing Annual

Polled Hereford Sale

Sale at farm, located 18 miles south of Peoria, and 100 miles east of Fort Madison, Iowa

San Jose, Illinois, Thurs., Oct. 13

8 Top Bulls — 40 Choice Females

Featuring the service of **CUTLER DOMINO 283rd**, 1949 Illinois State Fair Champion and **PAWNEE DOMINO 8th** (Lewis Breeding). The proven sire, **BUSTER DOMINO 93rd** sells and daughters of the noted **BUSTER DOMINO.** All young, top quality, modern up-to-date breeding behind them. Plan to attend our Annual sale of **48** of the Nation's finest Polled Herefords at Auction. Ask now for **FREE** beautiful illustrated catalog. Kindly mention this publication.

Worner Polled Hereford Farms, San Jose, Illinois

Auctioneers, J. E. Halsey and Hamilton James

—SAVE MONEY THE EASY WAY—BUY SAVINGS BONDS NOW—

Minnesota State

MILKING SHORTHORN SALE

At Bradford Sale Barn

MANKATO MINNESOTA, Wed., Oct. 19th

40 CHOICE FEMALES
10 TOP HERD HEADERS

Your crop can be no better than the seed you plant . . . Your future herd depends upon your present seed stock.

Get tried and true dual-purpose inheritance Gentle Milking Shorthorns. This is our Show Winner. Come and shop. Ask for **FREE** catalog. Kindly mention this publication. Address

R. E. HODGSON, Secy., Waseca, Minnesota

Minnesota Milking Shorthorn Association
Aud. Brett Allen — Roy McMartin, Sale Mgr.

SKOW'S STOCK FARM

HAMPSHIRE BOARS

Fall and spring boars, immune and eligible to register. Sired by the 4 top sons of $1,000 NEWS FLASH by BELLRINGER out of COMPREST, GOLDDUST and FAULTLESS DAMS. Top selling barrow at Kossuth County Fair is of FAULTLESS breeding and was purchased jointly by us and Harold Fischer. Over 200 boars sold by us last season. If it's the meat-type rugged Hamps you are looking for, see us.

HEREFORD CATTLE

RUPERT bred bulls. Serviceable age, nice dark rugged bulls.

JOSEPH A. SKOW
WESLEY - - - IOWA

2d Annual District Sale

SOUTHEAST IOWA AYRSHIRE CLUB

Sale Pavilion

WELLMAN, IOWA
THURSDAY, OCTOBER 20th
STARTING AT 12:30 P. M.

40 Choice Registered Cattle

All cattle selected from tops of leading herds in state. 20 cows and bred heifers, 10 open heifers, 5 heifer calves and 5 bulls serviceable age with select pedigrees. Most cows have D.H.I.A. records, some over **450 lbs.** butterfat, some classified. A few 4-H heifers calved after July 1st. Ask now for **FREE** catalog. Kindly mention this publication. Address

LYLE E. YODER, Pres.
Kalona, Iowa

7th Annual Missouri

Polled Shorthorn Breeders

Show, 9:00 A. M. Sale, 12:30 P. M.
State Fair Grounds

SEDALIA, MISSOURI
MONDAY, OCTOBER 24th

25 Bulls — 38 Females

The place to buy the world's best Polled Shorthorns . . . selected with care from 16 leading herds. Good quality, excellent pedigrees, real merit. Ask for **FREE** catalog. Kindly mention this publication. Address

ROLLO E. SINGLETON, Sale Mgr.
Department of Agriculture
Jefferson City, Mo.

REGISTERED HEREFORDS

Sale at farm northeast of

OXFORD JUNCTION, IOWA
SATURDAY, OCTOBER 8th
Starting at 1:00 P. M.

45 HEAD

36 top quality 1949 calves suitable for 4-H and FFA Club work or the best breeding herds. 6 good 1948 bulls and 3 choice 1948 heifers. The blood that has been winning Champions at Iowa for years. Plan to attend. Ask for **FREE** catalog.

T. G. MURRAY, Oxford Junction, Ia.

When writing to advertisers, will you please mention this paper.

Advertisement

From where I sit ... *by* Joe Marsh

Specs And I See Eye To Eye

Asked Specs Allen to go hunting last week. Known him all my life, so I wasn't surprised when he showed up with no gun. Specs doesn't like to kill anything.

Couldn't ask for a better hunting companion, though. We tramp around the woods, and whenever the dogs flush a bird, I blaze away while Specs just watches.

Told him once I was surprised he went along . . . feeling the way he does about shooting anything. "Well, Joe," he says, "you do what you think is right and I'll stick to what I think is right. I've no call to dislike you for not seeing *everything* the way I see it."

From where I sit, open-mindedness is a wonderful quality. There are plenty of things Specs admires that *I* don't care for. Like his fondness for buttermilk. I'd rather have a glass of beer anytime . . . but Specs Allen and I don't let little differences of opinion get in the way of something big like friendship.

Joe Marsh

Copyright, 1949, United States Brewers Foundation

HAMPLAND FARMS

BOAR AND GILT SALE

At farm, 4 miles north and 1¼ miles east of

UTE, IOWA

MONDAY, OCTOBER 10TH

50 TOP BOARS — 50 TOP GILTS

Each fall we sell a good offering of Hampshires. There is a reason for this. Our herd has always been headed by the best herd sires that we can buy and our sow herd is bred for production. They are sired by **PERFECT RECORD, UPWARD BOUND** and **DYNAMIC HIT,** one of the four top senior yearling boars of the year. Also a nice selection of top pigs by outstanding boars from sows we bought last winter. We consider this offering the equal of the one we sold last year and those that attended the sale said it was the best that we ever drove through a sale ring. The boars include several promising prospects that combine substance and quality. We are selling our best gilts in this sale. If you want a gilt or two for herd improvement or several for a bred sow sale, you will do well to attend the sale. Send all buying orders to M. T. White, fieldman, who will attend the sale. We guarantee his selections to please. Write for the free catalog. Kindly mention this paper.

O. W. JONES & SON, UTE, IOWA

Auctioneer, Chas. Corkle — M. T. White, Fieldman

SPOTTED POLAND SALE

At Sale Pavilion

SAC CITY, IOWA
FRIDAY NIGHT, OCTOBER 21st

50 Boars — 10 Gilts

This will be one of the low-set thickest offerings to be sold this fall. They are the easy feeding, fast gaining kind, with plenty of style and quality. Farmers looking for good boars should see this offering before they buy . . . it will pay. Have picked only the very tops from over 200 head sired by **THUNDER HEAD, TRU MOLD,** and **BROAD BOY.** Plan now to attend. Please mention this paper when writing for **FREE** catalog.

CLIFFORD PITSTICK, JOLLEY, IOWA

Quality Spotted Polands

LENOX, IOWA,
SALE PAVILION
FRIDAY, OCTOBER 14
NIGHT SALE—7:30 P. M.

A grand offering of top boars and choice gilts, the tops from 160 head of spring pigs. We believe it to be the most outstanding offering we have ever sold. They are sired by **TODAY'S VIGOR,** one of the greatest boars of the breed and **STAR LAD** and out of one of the top sow herds in the state. This offering will be a meat type with that length and smoothness that also makes a fast maturing hog for market use. Write for free catalog. Kindly mention this publication. Address

LYLE STOAKS, CONWAY, IOWA

UNITED STATES SAVINGS BONDS BOUGHT NOW
PAY SURE DIVIDENDS

Chester Whites

BOARS AND GILTS
PANORA, IOWA, OCT. 14th
NIGHT SALE — 7:30 P. M.

100 HEAD

Sired by McBride's Silver Balancer, Nebraska 1947 Junior Champion and reserve Grand Champion, McBride's Dazzler, the breed's most rugged boar, and ten other noted boars. Long, thick, fast gaining pigs. Cross excellently on all breeds. Gentle and prolific. Write for illustrated catalogue today.

McBRIDE FARMS'
FAMOUS CHESTERS
Panora, Iowa

DUROC SALE

At farm, east edge of

MOUNT AYR, IOWA
MONDAY, OCTOBER 10th

A top offering of 25 spring boars, 25 spring gilts and 3 junior yearling sows with litters. Sired by **PRINCE JULIUS I,** champion 1948 Ringgold County fair; **BLENDED TOPS; SUPER TOP 11; THE HIT** and **WHAT AM.** There will be 5 P.R. litters and 3 official Duroc ton litters. Included are many of my prize winners at the Ringgold and Union County fairs. **HAMPSHIRE SHEEP**—2 registered rams and 8 registered ewes. Write for free catalog. Mention this paper.

ROBERT BASTOW — **MOUNT AYR, IOWA**

Duroc Sale

25 BOARS — 25 GILTS
NIGHT—OCTOBER 14th

Our 25 Boars and 25 Gilts are the tops of 100 pigs raised from 10 sows. They are the medium type, firm fleshed, good loins and hams, and of dark color. Sired by **STYLE ACE,** a good son of the 1948 Iowa Champion, Style Blender. The dams are sired by Sky Rocket, an Orion bred boar. Type and quality selling at your price. Mention this paper when writing for **FREE** catalog.

E. R. LaRUE — **DOWS, IOWA**

75 Duroc Boars

FOR SALE—Purebred Duroc boars—leading blood lines—Producers' type. Sold with a guarantee offered by no other producer of boars to our knowledge. Priced reasonable.

Sunset Knolls Farms
WASHINGTON, IOWA—2 miles west on 92
DON RINNER
AMES, IOWA—4 miles west on 30
GAROLD PARKS
Address all inquiries to:
J. C. HOLBERT
Box 492 — Washington, Iowa

POLAND SALE

At farm, 4 miles west, 3 miles south, and ½ mile east of

RUTHVEN, IOWA
NIGHT — OCTOBER 11th

THE FIRST PRIZE SR. SPRING BOAR AT SPENCER SELLS, along with the 20 Boars and 20 Gilts. This will be the growthiest group of boars to sell this fall. Large rugged individuals especially suited for the farmer and breeder. The 1st place Sr. spring boar sired by **BOB'S RAIDER,** a grandson of Burg's Wideout, sells as does the 6th place boar. A litter mate gilt of the 1st prize boar sells. Other top individuals by **RITE DESIGN** and **SMOOTH MASTER.** New blood for old customers. Mention this paper when writing for **FREE** catalog.

K. L. BURG, RUTHVEN, IOWA

AUCTIONEER

Successful sales for leading breeders, lifetime experience with livestock. Apply early, as I am busy during the season. Rates reasonable. Telephones, Residence 7-3645; Business 3-6181.

J. E. Halsey, Box 1317, Des Moines, Ia.

Buy a Bond Today!

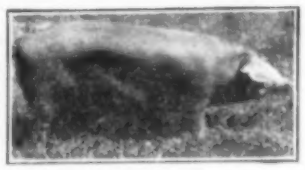
FOURTH ANNUAL

Minnesota No. 1 Hog Sale

Just over the Iowa line in comfortable pavilion on the Dailey farm, located 5 miles east and 7½ miles south of Flandreau, S. D., or 8 miles west and 4½ miles south of Pipestone, Minn., or 4 miles west and 6 miles north of Jasper, Minn.

Inside at 1:00 P. M.—rain or shine

WEDNESDAY, OCTOBER 12th



"A TYPICAL MINNESOTA NO. 1 GILT"

35 TOP SPRING BOARS

15 TOP SPRING GILTS

Sired by 6 Different Boars

In 1948, 50 per cent of the Master Swine Breeders in Minnesota used either a Minnesota No. 1 boar, or the mothers were sired by a Minnesota No. 1 sire, a record unequalled. Progressive swine breeders are turning to Minnesota No. 1's. Well grown boars suited for any herd. Suited for the farmer . . . less lard, large litters and economical gains. All are veterinary vaccinated and qualified to be shipped anywhere. "We raise only Minn. No. 1's and we try to raise the best." Make plans now to see this good offering . . . it will pay. Mail bids handled by Maurice Boney, Fieldman for this paper. Kindly mention the Wallaces' Farmer and Iowa Homestead when writing for **FREE** catalog. Lunch served at noon.

L. E. DAILEY & SON, PIPESTONE, MINNESOTA

Auctioneer, Tom Robb

MINNESOTA NO. 1 SALE

At farm, 5 miles west and 6 miles north of Webster City, Iowa

THURSDAY, OCTOBER 13th

NIGHT SALE — 7:45 P. M.

"A TYPICAL MINN. NO. 1 BOAR"

40 — QUALITY BOARS — 40

FAST GAINS ***EFFICIENT GAINS***

Many of these well grown boars are litter tested. 154 day weights are available as well as the amount of feed consumed by each litter. Some required as little as **230 pounds of feed per 100 pounds of gain.**

We selected this offering with great care from over 300 spring pigs. They are strong on their feet, carry a heavy well balanced deep ham, and have broad, smooth backs. All are from litters of 8 or more pigs per litter sired by three exceptionally fine sires of the breed. Our old customers will again find breeding stock here that will please them. Suited for the farmer due to the fast and efficient gains. Write for **FREE** catalog. Please mention this publication.

CLARENCE HILDEBRAND, WOOLSTOCK, IOWA

Maurice Boney, Fieldman

BUY U. S. SAVINGS BONDS—THEY ARE PROTECTION FOR LATER YEARS—BUY SOME TODAY!

QUALITY

CHESTER WHITES

Sale at farm, ¾ mile east of

Kingsley, Iowa

FRIDAY, OCT. 14th

45 BOARS — 10 GILTS

All are well grown, very smooth and trim, and stand well on their feet. Strictly modern type Chesters. There are many good herd boar prospects and the balance being very good farmer type boars. This is the best offering we have ever sold and will weigh from 250 to 300 pounds. They are sired by **SUNNYCREST SUPERIOR**, 1949 Spencer Grand Champion, the sire of several of our prize winners that sell as well as the Champion Barrow over all breeds at the big Rock Rapids Barrow Show. Others by **SUNNYCREST CLIMAX**, the sire of our 1949 Spencer Jr. Champion that sells in this good offering. Included in the offering along with the Jr. Champion will be the 2nd, 3rd, 5th prize boars at Spencer, and the Grand Champion at the large Sioux Empire Show. Boar and gilts suited for the farmer and breeder. Plenty of new blood lines for old customers. **Plenty of good farmer boars!** Plan to attend, but if unable to do so, we stand behind the selections made for sale by Maurice Boney, Fieldman for this paper. Kindly mention this publication when writing for **FREE** catalog.

R. A. RIEMENSCHNEIDER, KINGSLEY, IOWA

Auctioneer, J. E. Haley Maurice Boney, Fieldman

CHESTER WHITES

AT THE SALES PAVILION

WAVERLY, IOWA

Tuesday Night, Oct. 18

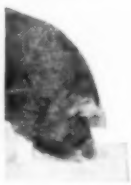
35 BOARS — 10 GILTS

The Iowa Reserve Jr. Champion Sells

A carefully selected offering that the farmers and the breeders prefer. They are well grown with plenty of bone, style, and balance. Most of the good offering is sired by **PRODUCER'S SENSATION**, the sire of our Res. Jr. Champion, **DOMESTIC PROVIDER**, that sells in this sale. We are also offering the 4th prize sire Boar Pig at Iowa, a breed consistent in its winnings at the State Fair. Others sired by **THRIFTY ELMO** and **THE COMMANDER**. New blood lines for former customers. Plan now to see this good offering. Please mention this paper when writing for **FREE** catalog.

A. H. PETERSEN, R.F.D. 5, WATERLOO, IOWA

Auctioneer, C. G. Mason



High Quality Polands

Sale at Forest farm, north edge of

MT. VERNON, IOWA, TUES., OCTOBER 11th

65 HEAD — 35 BOARS and 30 GILTS

Two good herds joined together to offer one of the best offerings of the year. They are long, smooth bodied kind with lots of width and ham. We have shown many grand champion barrows at the state shows, which include the 1949 Iowa grand champion Poland barrow, and Beverly champion over all breeds. They are sired by **F.'S RITZ BOY**, **F.'S CENTENNIAL**, **ROYAL KNIGHT**, **TALLY-HO**, **MODEL DUALL** and **NEW LEADER**. Good blood lines. The quality, type and merit will please. **COME** for **FREE** catalog. Kindly mention this publication. Address either.

EDWARD E. FOREST & SONS
MT. VERNON, IOWA

LEO E. HAY
ANAMOSA, IOWA

McGraw's Hampshire Sale

Sale at farm, located only 20 miles south of Des Moines

PLEASANTVILLE, IOWA, OCTOBER 12th

Night Sale

80 HEAD — 30 BOARS, 50 GILTS

We have selected them from over **300** head. Good rugged meat-type . . . our herd has always been called for production and type. They are sired by **OVATION POWER**, **OUR ESQUIRE**, a top son of Fair and **MATCHLESS**, a grandson of Mid-Win. Breeding that will please. Best quality and merit. 30 extra choice **OFF-BELT** gilts for Commercialmen and Farmers. Ask now for **FREE** catalog. Kindly mention this publication.

DALE McGRAW, PLEASANTVILLE, IOWA

HIRED HAND HARLEY—"You'll Need Some Cabinet Members, Too, Harley"

PRODUCTION AT ITS BEST

FRANTZ HAMPSHIRE SALE

Night Sale, 7:30 P. M. — At Farm, on Highway 30

GRAND JUNCTION, IOWA

MONDAY, OCTOBER 10TH

40 CHOICE BOARS — 40 OUTSTANDING GILTS

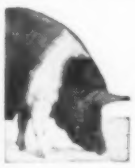
We promise you the greatest offering we have ever sold and that isn't stretching it. We are selling real herd boars and foundation gilts for the best of herds. They are the pick from 340 head of spring pigs. Sired by **BE ELATION** by Fixer, 1948 Iowa junior champion and reserve All American; **OUR STYLE** by Stylemaster; **NEW IDEA**, sire of champions, and **BLENDERS' TYPE** by Blender Bound. Also pigs bought in dam and sired by top boars in other herds. No matter where you live, it will pay you to get our free catalog and attend the sale. Send your buying orders to M. T. White, fieldman, who will attend our sale. We guarantee his selections will please you. Kindly mention this paper when writing. Address

FRANTZ BROS., GRAND JUNCTION, IOWA

Auctioneer, G. H. Shaw — M. T. White, Fieldman

QUALITY HAMPSHIRES

Sale at farm, located 3 miles south



Alden, Iowa, October 11

NIGHT SALE

60 TOP QUALITY SPRING BOARS

The cream of a large crop . . . from one of the finest herds of the breed. All well grown, index type, richly-bred, displaying quality. They are sired by **SUPERIOR BOUND**, **SCUDDA-HA**, **TIMBER LAD**, **PROGRESS BOUND** and **AVENGER** . . . breeding unsurpassed. One of the fellows is the great young boar **SKYLEER**, 1st senior spring boar at **1949** Iowa state fair by Stylemaster. One of the greatest to sell this year. Others of like merit sell. You can find what you want in this large number. **QUALITY SUPREME.** Please **COME.** Ask now for **FREE** catalog. Kindly mention this publication. Address

LETTOW BROTHERS, ALDEN, IOWA

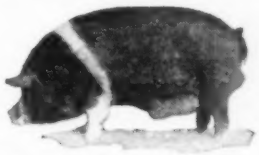
DON'T MISS MY FALL SALE

Michaelsen's Hampshires

NIGHT SALE — 7:30 P. M.

IDA GROVE, IOWA

Wednesday, Oct. 19th

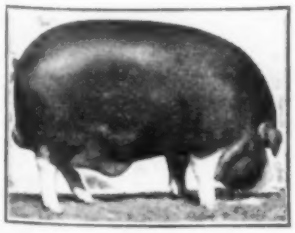


SELECT YOUR NEXT HERD BOAR FROM MY BIG SELECTION

The cream of our spring pig crop, this offering includes 35 boars and 40 gilts. They are sired by **JUNIOR BILT**, 1st by Steamer Bound, and **THE BUGLE** by Broadway. Also litters by **SAFE BET**, **SUPER CHIEF**, **HOME STYLE** and 15 top gilts by **OCCUPATION CHIEF** by Big Chief. If you need a few extra gilts to fill out your winter sale offering, these will do the job. In the past we have sold some mighty good Hampshires and we think this offering is one of our best and well worth your inspection. If you need breeding stock, why not select a boar or one or more gilts from this herd. Send mail orders to M. T. White, fieldman. His selections are guaranteed to please. Write at once for free catalog. Kindly mention this publication. Address

FRED H. MICHAELSEN, IDA GROVE, IOWA

Auctioneer, G. H. Shaw — M. T. White, Fieldman



SHOWMASTER
A grand boar who appears as grandsire on most of the pedigrees selling.

LAKESIDE FARMS

POLAND CHINAS

Tuesday, October 11th

At farm, 1 mile east on No. 71, 1 mile south and ¼ mile east of Storm Lake, Iowa

The 1949 Spencer Fair Jr. Champion Sells Along With 35 Other Masculine Boars

We welcome your inspection of our offering. We know they will please you as our Polands have been noted for doing well for others. Farmers and breeders will like that extra length, depth, and smoothness which is so necessary today for more profitable pork production. **FLASHING STAR**, our Jr. Champion, and his litter mate sired by **LAKESIDE MANDARIN** by Mandarin sell in this good offering of well grown boars. Several other prize winners at the recent shows sell; including top pig by Mandarin himself 1948 Iowa Grand Champion, and out of a dam by an Illinois champion, 2 boars by Royal Maker, 1948 Iowa Res. Champ. and out of a dam who was 1st Jr. Yrl. at Nebr., **NEW DELIGHT** by Lakeside Mandarin out of dam that was Res. Sr. Champ. at Nebr., and many others. Our pigs by **GRANDMASTER** by Showmaster, will suit the most critical of buyers. Remember . . . "Animals of Proven Ancestry Cost No More . . . They Pay!" **FREE** catalog sent on request. Kindly mention this paper when writing.

EUGENE DUGAN, STORM LAKE, IOWA

BUY U. S. SAVINGS BONDS—THEY ARE PROTECTION FOR LATER YEARS—BUY SOME TODAY!

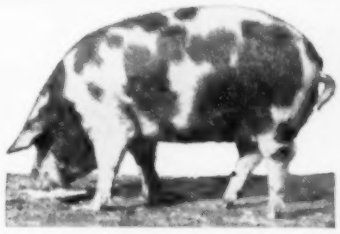
LARSEN'S BOAR AND GILT SALE

Spotted Poland Chinas

NIGHT SALE—FAIRGROUNDS PAVILION

HARLAN, IOWA

TUESDAY, OCT. 18



A HIGHLIGHT OF THE FALL SALE SEASON

Mark this on your list—your invitation to attend my annual fall sale where you can select the pick of my spring pig crop. This offering will feature the services of some of the great breeding boars of the Spotted Poland China breed. **INTERNATIONAL**, the boar I paid $1,050 for from the litter that sold for $5,500; **TOP MODEL** by Tops Image; **FASHION PLATE**, reserve champion at Iowa and Kansas last fall; **MIDWAY**, Missouri grand champion; **TOPS IMAGE**; **POWERHOUSE**; **BINGO'S EQUAL 11**. New blood for old customers from dams by **46 SPECIAL**, **VITALITY PLUS**, **GOLD BOND** and **THE GENIUS**. Plan to make this sale a "must" on your list. If it is impossible for you to come, don't miss out on owning some of these top pigs. Send a mail bid to M. T. White, fieldman representing this paper, and he will pick one that will satisfy. Write at once for free catalog. Kindly mention this paper. Address

HARVEY C. LARSEN, ELK HORN, IOWA

Auctioneer, Luke J. Gaule — M. T. White, Fieldman

HIGH-CLASS SPOTTED POLANDS

FLASHY LAD, 1948 Junior Champion. The kind we produce.

Sale at farm, located 1½ miles northeast of town

KELLOG, IOWA

Wednesday, October 12

Starting at 1:00 P. M.

45 HEAD — 40 TOP BOARS, 5 CHOICE GILTS

A grand offering selected from a great herd. Sired by **MAJESTIC**, one of the breed's top sires; also good litters by **BUZY** and **FASHION PLATE**, Illinois and Indiana grand champion. New breeding for old customers. We feature the **1949** Iowa reserve Junior champion, **2d** senior boar pig. 1st fall boar and many other winners displaying like merit. One of the best offerings of the year. All of modern type, very smooth, clean in the head, and display quality. Please **COME.** Ask now for **FREE** catalog. Kindly mention this publication.

A. J. ANDERSON & SON, KELLOGG, IOWA

SPOTTED POLAND SALE

At the farm, 1 mile north, 4 miles east, and ½ mile north of

MALLARD, IOWA

NIGHT—OCTOBER 18th

Selling Both Boars and Gilts in This Sale

Large, well developed boars and gilts with smoothness and quality that will please the farmers and breeders. Our hogs have that feeding quality with which to make fast gains in a shorter period of time. They are mostly sired by **HONOR LAD**, 1st at Iowa 1948, the noted **BIG CHIEF**, **HI-TYPE**, and **BLUE PRINT**. New blood for our old customers. You can buy gilts and a boar that are unrelated. Make your plans now to be with us Tuesday night, October 18th. Mention this paper when writing for your **FREE** catalog.

FRED GOODCHILD & SONS, MALLARD, IOWA

— — EUREKA STOCK FARM'S — —

SPOTTED POLANDS

BOONE SALES PAVILION

BOONE, IOWA, WED., OCTOBER 19th

NIGHT SALE

55 HEAD — 30 BOARS, 25 GILTS

A grand offering by **FOND MEMORIES**, top son of Memories, one of the largest for his age, weighing 650 lbs. at 12 months, the smoothest, firm fleshed boar we have seen . . . transmitting this wonderful quality to his offspring. Others by **CHALLENGE ALL**, a top son of Challenge Me. A great litter by **CHALLENGE ME**, double grand champion of Illinois and Indiana 1948 state fairs. New breeding for old customers. **4-H Club** members, we sell 4 choice **SHORTHORN** Club calves. **COME.** Ask for **FREE** catalog. Kindly mention this publication.

FITZGERALD BROS., Eureka Stock Farm, BOONE, IOWA

Solve Your Herd Boar Problem at Our

POLAND SALE

At the Fairgrounds

HAMPTON, IOWA

NIGHT, OCTOBER 12

MASTERFUL by Mandarin
1948 Iowa Grand Champion

20 GOOD BOARS — 35 CHOICE GILTS

Selling only the tops of over 120 head. All are well grown with plenty of quality plus growing ability. Sired by **MASTERFUL**, top son of Mandarin, the 1948 Iowa Grand Champion. At the recent Iowa State Fair our pen of 3 barrows won Reserve Grand Champion honors over all breeds. The gilts are a choice lot with underlines and broadness to them—real brood sows in the making. Ideal for foundation material. Excellent for 4-H and FFA work. The large number selling should produce bargains for someone. Make your plans now to attend. Kindly mention this paper when writing for **FREE** catalog.

BROWN & BROWN, HAMPTON, IOWA

Quality Polands

SALE AT FARM

STOCKTON, IOWA

Friday, Oct. 14th

60 Head—30 Boars, 30 Gilts

A choice offering from one of the good herds. They are sired by **REAL GOLD**, by Reality; **ALL IN ONE**, a son of Universal, and **MODERN BLEND** by Supreme Blend. Breeding unsurpassed. Tops from over **150** head, best we ever offered. All well-grown, modern type, real quality. 15 gilts sold with **FREE** breeding privilege to one of the top show boars of the year. **COME.** Ask now for **FREE** catalog. Please mention this publication.

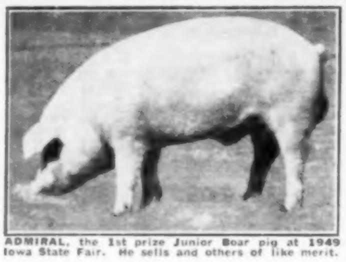
ALFRED M. PAPER
Stockton, Iowa

Better Chesters

Sale at farm, located east of Marshalltown on Highways No. 64 and 30 and just west of

LeGRAND, IOWA
FRIDAY, OCTOBER 21

50 HEAD
30 Boars — 20 Gilts



ADMIRAL, the 1st prize Junior Boar pig at 1949 Iowa State Fair. He sells and others of like merit.

A grand offering selected with care from a large number. A herd where top quality **CHESTERS** have been produced for years . . . only the best are cataloged. Many sired by **PERFECTOR**, sire of Reserve Grand Champion at 1949 Iowa State Fair and remember **KEEN'S** won the Grand Champion Pen of Barrows at 1949 Iowa State Fair over **ALL BREEDS** . . . the kind they produce. Plenty of **NEW BLOOD** for old customers. The real **MONEY-MAKING** kind. You can find a herd boar that will please or a few top quality gilts. **COME.** Buy them at your own price. Ask now for **FREE** beautiful illustrated catalog. Kindly mention this publication.

C. T. KEEN & SONS, LeGRAND, IOWA
Auctioneer, Clair G. Mason
Send bids to M. W. Boney, Fieldman, in our care

OLMSTED COUNTY
HOLSTEIN SALE

A county sale of state sale caliber. One of the outstanding county sales of the nation.

75 REG. HOLSTEINS

- 25 YOUNG COWS. All over 400 lbs. All either fresh or due soon.
- 30 BRED HEIFERS. All due this fall. Some fresh by sale time.
- 10 OPEN HEIFERS. Calves and yearlings. From 400 to 600 lb. cows.
- 10 SERVICEABLE BULLS. Real toppers. All from better than 400 lb. dams.

TB and Bangs tested for interstate shipment.

MONDAY, OCTOBER 10
12:30 P. M. at Fair Grounds

ROCHESTER, MINN.

LIBERAL TERMS TO ALL BUYERS

For Free Catalog Write
MINNESOTA SALES CO.
6-B First Ave. S. E. Rochester, Minn.

SPOTTED POLAND SALE

At Fairgrounds
SPENCER, IOWA
FRIDAY NIGHT

OCTOBER 7, 1949

40 Top Boars

Our herd has consistently produced good, profitable fast gaining Spots. Farmers can buy with confidence as the offering is sired by such boars as **SATISFACTION**, **THE TOPIC**, and other leading boars. We will have plenty of new blood for our former customers. See these boars before you settle your herd boar problem . . . it will pay. Please mention this paper when writing for our **FREE** catalog.

KARL E. CARLSON
Lakefield, Minnesota

National Hereford Hog Type Conference and Sale

Fair Grounds

MARSHALLTOWN, IOWA, TUESDAY, OCT. 11th
75 SPRING BOARS AND GILTS

Also a few outstanding fall boars and bred gilts. We feature many top winners at 1949 shows . . . individuals from **PRODUCTION REGISTRY** litters . . . and individuals that have records kept on them as to the efficiency of gain from weaning to **100 lbs.**, under average farm conditions, many individuals checked under our feed consumption program gained **100 lbs.** for each 300 lbs. of feed consumed. They made average gains of 1.6 lbs. per head daily and their cost of gains ranged from $7.00 to $9.00 per hundred. Efficient and rapid gains such as these mean added profit for **HEREFORD HOG** raisers, whether they are producing market hogs or purebred stock. They will make money in your swine production program. **COME.** Ask for **FREE** catalog. Kindly mention this publication. Address

HARRIS SELLERS, JR., Secretary, CHARITON, IOWA
National Hereford Hog Record Association

Hampshire Sale

At farm, 3 miles north and ¼ mile east of

PIERSON, IOWA
1:00 P. M.
SATURDAY, OCTOBER 8
45 BOARS — 35 GILTS

This big, rugged, heavy boned offering is mostly sired by **MAJOR CONTROL**, who sired our Grand Champion Barrow at the recent National Type Conference held at Omaha. He also is the sire of our 1st prize Breeder-Feeder Litter at the Iowa State Fair. Outstanding sons of his selling in this good offering will include the Champion at the big Sioux Empire Fair and the 3rd prize spring boar at the Iowa State Fair. Included in the typy offering of gilts will be 10 off-belted gilts that will be excellent buys for the farmer. Boars and Gilts especially suited for the farmer and breeder.

EMERY RIEMENSCHNEIDER
Pierson, Iowa

"Home of Bargains"

Spotted Polands

At Sale Pavilion
WAVERLY, IOWA, OCT. 17th
NIGHT SALE

50 BOARS and **GILTS** mostly sired by **FASHION PLATE** (formerly called Name Plate), 1948 Champion pig at Kansas and Iowa and named this year (1949) as the Grand Champion of Indiana and Illinois. Farmers will be especially pleased with the extra length and smoothness. Easy feeding, good doing Spots. New blood lines for old customers. Mention this paper when writing for **FREE** catalog.

LELAND B. DELLINGER
Shell Rock, Iowa

Iowa's Largest Hampshire Sale

Central Iowa Fairgrounds

MARSHALLTOWN, IOWA, OCT. 14th

Night Sale Starting at 7:30 P. M.

100 HEAD — 50 BOARS, 50 GILTS

An excellent opportunity for farmers, commercial producers and purebred breeders. The large number assures splendid selection. The cream from two big herds sell—sons and daughters of **LUMBERJACK**, **HIGHBALL**, **STYLEMASTER** and **K-RATION**, son of **KNABE SPECIAL**, including several State Fair winners. A grand offering, top blood lines, well grown and thrifty. Guaranteed in all ways. Send for catalog now.

RAYMOND DAGGETT Conrad, Iowa — Auctioneer, Clair Mason — **HOWARD SOORHOLTZ** Melbourne, Iowa

5,500 FEEDER CALVES

Producer's Auction Sales
From Top Hereford and Angus Herds

900 Hereford ....October 3
1900 Angus ......October 4 and 5
At Unionville, Missouri
1000 Hereford and Angus...Oct. 6
At Bethany, Missouri
800 Hereford and Angus...Oct. 7
At Milan, Missouri
900 Hereford and Angus...Oct. 8
At Princeton, Missouri

Direct inquiries to
Don C. Pollock, Mgr., Unionville, Mo.
D. D. Johnson, Mgr., Bethany, Mo.
Sam Rowe, Mgr., Milan, Mo.
Raymond Carroll, Mgr., Princeton, Mo.

SPOTTED POLANDS

NIGHT SALE AT SALES BARN
ALGONA, IOWA
8:00 P. M.
OCTOBER 19th
65 BOARS 25 GILTS

We have been coming to Algona for several years with top boars and this offering is the best of all. They are well grown, have the length and depth of body that puts them on the market sooner. Mostly sired by **MODERATOR**, top boar of the Carlson sale last fall. Selling one litter that are full brothers to the top two boars last fall sired by **BROAD BACK**. Remember this is the best grown offering I have ever sold and beyond a doubt the best individually. Plenty of new blood lines for old customers. Kindly mention this paper when asking for **FREE** catalog.

WALTER M. WELLHOEFFER
Rt. 3 Stratford, Wisconsin

QUALITY DUROC JERSEY SALE

Sale at farm, located 3 miles west on Highway No. 22

MUSCATINE, IOWA, FRIDAY, OCT. 7th

SALE STARTS AT 1:00 P. M.

50 HEAD
40 CHOICE BOARS — 10 GREAT GILTS

A splendid offering of well-grown but not overdone, true, medium type, firm-fleshed kind, with length that make economical producers for the farmers. They are by **TYPESETTER**, 3rd Junior yearling at Iowa, **KEYNOTE**, 3rd Junior yearling at Illinois, **QUALITY IMPROVER**, the sire of the 1st prize heavyweight barrow at 1949 Iowa state fair. Two good sons of **RED VELVET**, 1948 Indiana grand champion and two by **ZIPPY**, 1948 Iowa Junior Champion. Breeding that has been proven. They will make good for you. **COME.** Ask now for **FREE** catalog. Kindly mention this publication.

HAROLD C. TIMM, MUSCATINE, IOWA

MILLER'S DUROC SALE

Sale at farm, east edge of town

LISBON, IOWA, WED., OCTOBER 19th

50 HEAD — 25 BOARS, 25 GILTS

A great offering from one of the best herds. All well grown with extra length, firm-fleshed type, dark cherry red color. Both boars and gilts have from 10 to 14 nipples. They are sired by **LISBON TOPS MERCURY**, the 1949 prize winner at Jones County Fair; **TRIM LEADER**, **LISBON MODEL** and **TOP SET**. Best in breeding. New blood for old customers. Included is the 1st prize gilt at 1949 All-Iowa Fair and her litter mates which made the 1st prize litter, all sired by **LISBON TOPS**. The quality will please. Come. Ask now for **FREE** catalog. Kindly mention this publication.

BERT MILLER, LISBON, IOWA

Need Breeding Stock?

Leading Beef Cattle breeders use our columns to sell their breeding stock . . . a dependable and reliable source of supply.

- ☐ Aberdeen-Angus
- ☐ Hereford
- ☐ Polled Hereford
- ☐ Shorthorn
- ☐ Polled Shorthorn
- ☐ Red Polled

DAIRY CATTLE

- ☐ Ayrshire
- ☐ Brown Swiss
- ☐ Guernsey
- ☐ Holstein
- ☐ Milking Shorthorn
- ☐ Jersey

We will gladly send FREE a list of breeders in your territory. Check the breed desired and please indicate what you are interested in. The coupon can be pasted on a post card.

Wallaces' Farmer & Iowa Homestead
Box 1317, Des Moines, Iowa

Name ....
Town ....
Route .... State ....
Interested in ....

Registered HEREFORD HOG SALE

Chariton Sale Pavilion
CHARITON, IOWA
THURSDAY EVENING, OCTOBER 13
50 HEAD
25 BOARS — 25 OPEN GILTS

Included in this offering will be individuals that were winners at the Iowa State Fair as well as individuals from production registry litters and who have completed efficiency of gain test. Write for catalog.

SELLERS BROS. CHARITON, IOWA

ANNUAL DUROC SALE

OAKDALE ROYAL TOPS

Held at 1:00 P. M. on the farm, 1 mile east and 2 miles north of

MALLARD, IOWA, OCTOBER 20

35 Boars and 25 Gilts from a Herd That Is Consistent in Producing Top Durocs . . . Won 7 Firsts and 5 Seconds at Recent Spencer Fair.

A grand selection of really good boars included the 1st place Sr. Spring Pig sired by **STAR BLEND** (2 litter sisters to this great pig also sell). Farmers and breeders will be pleased with well grown, good colored offering mostly sired by **OAKDALE ROYAL TOPS**, Mo. Res. Champ., **SPECIAL TREND**, grandson of Modern Trend, **OAKDALE INSIGN**, and other leading boars. The **JR. CHAMPION SPRING GILT** at Spencer sells along with the other 25 broody looking gilts. The large number selling gives you a wide selection at bargain prices. Plan now to attend. **FREE** catalogs on request. Please mention this paper when writing.

W. H. HELMKE & SONS, RENWICK, IOWA

When writing to advertisers, will you please mention this paper.

LIVESTOCK NEWS

The 12th Central Iowa Angus sale, at Marshalltown, September 19, saw 159 lots sold for $48,930, or an over-all average of $310 per head. Top price was the $1,120 paid by J. F. Burns, Waukon, Iowa, for Blackbird Bardolier KAP 7th, a son of Epic Bardolier G. R. He was consigned by Roy M. Koster.

Rhan-x Everett of E. R., from the E. J. and R. H. Schneider herd, sold for $700 to J. R. Howard & Son, Laurel, Iowa. John Kean, Cumming, Iowa, paid $680 for Bar Bardolier G, consigned by True Fullop. The 54 bulls in the sale averaged $313.

Top female was Juanneta Erica 218th, from the E. Brenniman & Son herd. She sold at $780 to Harold McElhiney, Rippey, Iowa. Another Brenniman consignment, Georgina of Paradise, brought $710 and went to El-Jon Farms, Rose Hill, Iowa. The sale's 105 females were sold at an average of $306.

The sale, managed by Clair Mason, saw 126 lots go to Iowa buyers, six to Wisconsin and three to Nebraska. Auctioneers were Halsey and Mason & Son.

Buyers from Iowa, Illinois, Indiana and Missouri were on hand when J. W. Barkley, of Laverne, Mo., held his Angus dispersion sale at Unionville, Mo., on September 15.

Auctioneer Roy Johnston sent 50 lots into the ring to average $368. Top bull price was paid for the herd sire, Burgess Prince M. 21st. He sold at $900 to W. S. Wiseman and Don Pollock, of Unionville. Nine bulls averaged $327.

The sale's 41 females brought a $377 average, with George Halder, of Ottoman, Ind., paying top price of $675.

Reputation of WHR Jupiter Domino 130th and Domino Woodford, herd sires at Empyre Hereford Farm, Oregon, Ill., attracted many buyers to the farm's sale, September 16. EHF June 22d, a daughter of WHR Jupiter Domino 130th, topped the sale at $530, and went to Charles F. Vaupel, Ashton, Ill. O. Mabelle True sold for $38 to D. H. Sanders & Son, Howe, Ind. The 55 females in the sale averaged $321, and went to Iowa, Illinois and Indiana buyers.

Thirteen bulls brought an average of $863 and 41 females averaged $609 at the Ideal Farms Angus dispersion sale of Alvin Sunderman & Sons, Clarinda, Iowa, September 6.

Ben J. Gocken, Pagemere Angus Farms, Clarinda, paid top price of $2,650 for a junior yearling bull. Three others topped $1,000, going to Railsback Bros., Whitten, Kan., at $1,625 and $1,600, and to Wayland Hopley, Atlantic, Iowa, at $1,050.

Glen Brown, Conway, Iowa, paid $1,310 for the top female, Queen M. of Idealemere. Other highs went to Cory Beck, Smithland, Iowa, for $1,200, and to Rose & McCrae, Craig, Mo., at $1,000.

Auctioneers Roy Johnston and Ray Simms sold the 54 head in the sale for an average of $969.

A top of $1,065 helped make the Hereford sale at Denison, Iowa, on September 15, one of western Iowa's best sales of the season. The top was paid by Don Devoss, of Cantril, Iowa, for Baca Elation 9th, two-year-old bull consigned by Vincent Gafney, Adaza, Iowa.

Next highest bull was Be True Molder, consigned by Brookmont Farm, Logan, Iowa, and sold to Ralph Wilkins, Shelby, Iowa, for $475. High female came from the John Kvamme & Son herd, at Irwin, Iowa, and went to Paul Rice, of Creston, Iowa, at $410.

Auctioneer J. E. Halsey sold 97 head for $24,655, or an average of $254. Fourteen bulls averaged $313, and 83 cows and heifers averaged $239.

A 71-head average of $250 was made at the Hereford sale of Mr. and Mrs. J. E. Cipra, at Creston, Iowa, September 21. Buyers from Iowa and Missouri took 10 head of young bulls at an average of $255 and 61 females at a $250 average. Fred Chandler cried the sale.

Top bull was a yearling sold to W. E. Israel, of Prescott, Iowa, at $300. Israel also paid the female top, buying a pair at $350 each. Other high females went to Robert Hannah, Corning, Iowa, who paid $345, and to Paul Rice, of Prescott, Iowa, who paid that figure for each of three head.

JOIN THE STAMPEDE TO SHORTHORN'S SENSATIONAL

American Royal National Sale

Held in connection with the 1949 American Royal Livestock Show

Shorthorns and Polled Shorthorns

Kansas City, Mo., Wed., Oct. 19

Starting at 12:00 Noon

100 HEAD — 40 BULLS, 60 FEMALES

The greatest combination Show and Sale in the breed's history . . . that will demonstrate to the beef producing sections of the country the long strides Shorthorns and Polled Shorthorns have made in moderning type and beef conformation.

THERE WILL BE **$27,000 IN PRIZE MONEY** in all divisions . . . breeding classes, individual steer classes, carloads . . . the largest amount ever offered anywhere for a combined showing of the Shorthorn breed.

The SALE of **100** head of hand-picked, carefully selected **Shorthorns** and **Polled Shorthorns** will be held October 19th at noon, and will represent the best individuals produced by the leading herds of the nation. **40 BULLS** . . . all outstanding herd sire prospects. **60 FEMALES** . . . beautifully bred, modern type, all suitable for top herd foundation material. 100 of the breed's best, ready for your ownership.

SALE CATALOGS: Catalogs will be available at sale time, but will be mailed **FREE ONLY UPON WRITTEN REQUEST.** Kindly mention this publication. Address

CLINTON K. TOMSON, Secretary
AMERICAN SHORTHORN BREEDERS' ASSOCIATION
7 Dexter Park Avenue Dept. WF Chicago 9, Illinois

HOTELS: A limited number of hotel rooms have been reserved and may be secured by writing us promptly.

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Sale at farm south of

MT. VERNON, IOWA, Monday, October 17

60 HEAD
20 Boars, 40 Gilts

1st prize Get of Sire and 1st prize Young Herd, 1949 Illinois State Fair. It includes Junior and Reserve grand champion boar. All are Senior Spring pigs and selling.

A great offering sired by **GENERAL PICKET, RAIDER PRINCE 300th, RAIDER PRINCE 501st, PRESTIGE,** and **COMMAND'S LEGACY,** prize-winning and breeding boars. We sell the Junior and Reserve Grand Champion boar at Illinois and his litter mates. Also 1st Fall boar. Half brothers and sisters to International Grand Champion Barrow. The fast-growing, smooth, thick, full-hammed, kind with length and breed character. They produce lean meat and less lard. **COME.** Ask for **FREE** catalog. Kindly mention this publication.

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Auctioneer, J. E. Halsey

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Jimmy Letts and his Blue Ribbon FARMERS Hybrid Pig

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In February, 1949, 30 pigs farrowed, sired by a purebred boar. One month later, I had 90 pigs farrowed, sired by my Farmers Hybrid Boar. Today (September 9), the Hybrid Pigs are just as heavy as those sired by the purebred boar although they are one month younger. I saved more pigs per litter sired by my Farmers Hybrid Boar. J. E. Letts, Wyman, Iowa.

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Sale at Iowa State Fair Grounds
DES MOINES, IOWA, OCTOBER 31st and NOV. 1st

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Full information next October 15th issue

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Auctioneer, Joe Reisch

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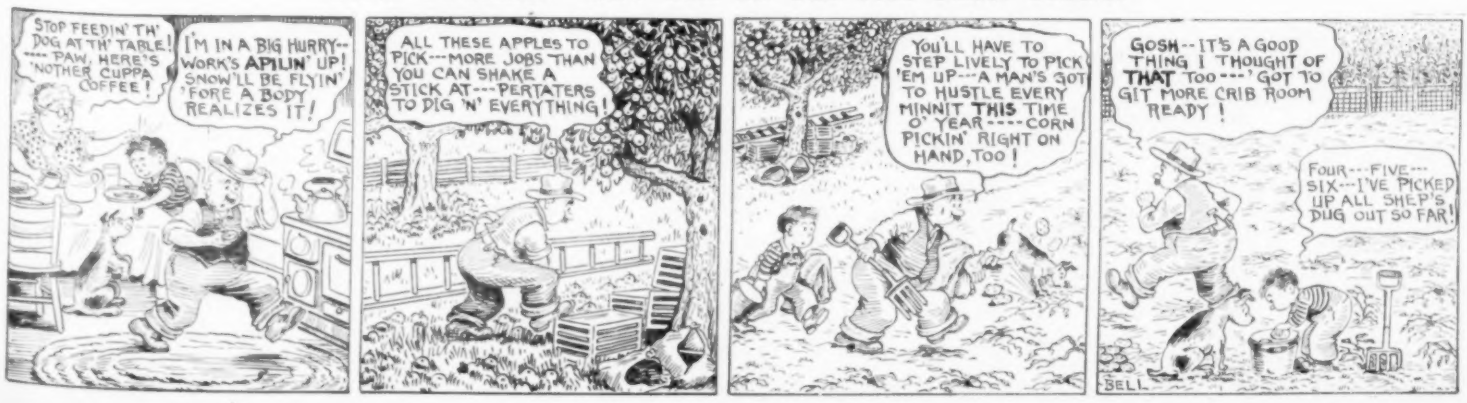

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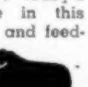

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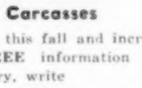

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Struve's Hampshire Boars

65 big thick, rugged spring boars by **TOP RINGER** and **FAULTLESS WONDER**, suitable for Farmers and Breeders. Priced to sell.
ROY A. STRUVE MANNING, IOWA

HAMPSHIRE BOARS

Large, rugged boars sired by the 1948 Spencer Champion, Hi-Hope Model Boy, The Pattern, and a top litter by Mischief Model. Come early and get your pick. Priced to sell.
ALBERT J. LARSON AYRSHIRE, IOWA

CHOICE HAMPSHIRE BOARS

Well grown and popular blood lines. These are the pick of our large spring crop. The kind the breeders and farmers like. Write or visit the farm. Immune.
PHILLIP JOHNSTON & SONS, CASTANA, IA.

HAMPSHIRE BOARS AND GILTS

Choice purebred boars and gilts by **NEW BOUNCE.** 1st at Iowa state sale. Brothers and sisters of **A NEW BOUNCE**, Junior and grand champion All-Iowa Fair. Real type, rugged, with quality. Reasonable.
CLARENCE J. SUEPPEL & SON, SOLON, IOWA

FEED BOLSON FEED *See the Difference!*

HAMPSHIRES

GOOD

HAMPSHIRE BOARS

Registered and vaccinated. From large litters, eight to eleven. Price, Choice $95.00.
HAROLD FITZPATRICK, R. 5, Chariton, Iowa

MINNESOTA NO. 1 HOGS

MINNESOTA NO. 1—INBREDS

Choice Registered Boars ready for service. Also weanling pigs, either sex. Immune. Large average litters. "Our 1948 Spring and Fall litters weighed **230** lbs. and **240** lbs. at 160 days" and topped **MARKET** each time. You will like the cross.
J. R. MACKOY FARRAGUT, IOWA

Minnesota No. 1 and No. 2

Choice select registered sows and gilts bred for fall farrow. Also top quality spring BOARS ready for service. Reasonably priced. Farm 2 miles southeast.
WILLIAMS BROS. FAIRFAX, IOWA

HYBRID HOGS

Lucie & Slater

INBRED and HYBRID BOARS

Leaner carcasses, faster gains with less feed. Use on your sows. We can supply complete boar rotation. Litter tested stock. Order your LUCIE & SLATER boar NOW for FREE DELIVERY.

LUCIE & SLATER FARMS
Augusta, Illinois

HYBRID BOARS

Bred like and perform like HYBRID corn . . . over 38 different lines will be available to genetically fit your sow herd. Dealership available. Circular FREE.
WILSON HYBRID HOG ASSN., HARLAN, IA

POLAND CHINAS

LAUER'S

QUALITY POLANDS

Choice Poland China boars by **DOMINATOR DELUXE**, 1st prize at District fair, by Dominator. They are sound and smooth, with the length now in demand. 3 boars out of our grand champion sow. We always please on mail orders. FARMER PRICES. Farm located 1 mile east of Eldorado on No. 150.

W. A. Lauer & Son West Union, Iowa

TOP QUALITY POLANDS

Offering a grand selection of spring boars and gilts. If you want them rugged, deep bodies, thick hams and heavy bone be sure to see these before you buy. Come early and select the tops. Popular prices. Cholera immune.

LYLE COCKERTON WHITING, IOWA

POLAND CHINA BOARS

Choice registered boars, top quality, good breeding, excellent type and merit. **REASONABLE.** Farm 1½ miles east.
FRANK ROTNICKE, R. 1, DANBURY, IOWA

POLAND BOARS

30 choice well grown boars, rich in breeding. Good type and quality.
C. W. CREES BAYARD, IOWA

POLAND CHINA BOARS

Now offering choice spring boars sired by Flavor Blend. Good type and breeding. They will please you. Immune.
NICK N. KIRSCH CARROLL, IOWA

Manderscheid's Polands

30 spring boars, **2** fall boars, **30** open gilts, with size and quality. Immune. Right kind, priced to sell. Come, phone or write.
VINCENT MANDERSCHEID, MAQUOKETA, IA.

SPOTTED POLAND CHINAS

FITZER'S

SPOTTED POLAND SALE

At the Farm

TUESDAY, OCTOBER 18th

1 P. M.

50 head of Boars—10 Gilts. Sired by **ZIPPER** and **FITZER'S TRAILBLAZER**. Write for **FREE** catalog.

BEN C. FITZER LUVERNE, MINN.

SPOTTED POLAND SALE

NIGHT — OCTOBER 10th
EDGERTON, MINN.

A great offering sired by two top sires, **HY-TONE** and **RIGHT TYPE**. Take the guesswork out of your hog program by using a good boar this fall. Write for **FREE** catalog.

A. Lopau & Sons Pipestone, Minn.

SPOTTED POLANDS

Choice boars and gilts, March and April farrow, by top boar in Neihaus Sale, he by **TRUEBEAM**. REASONABLE.
HENRY NICHOLS CRESCO, IOWA

Notz's Spotted Polands

Choice boars we know will please you. Sired by Monomus, Oh My and Twenty Grand. They are the right kind, the price is right.
WM. O. NOTZ & SON CRESTON, IOWA

SPOTTED POLAND BOARS

Now offering a wide selection of top boars by Prince Charming, son of Tops All. Dams by Transformer. Attractive prices.
C. W. NELSON & Son HARLAN, IOWA

Purebred SPOTTED POLANDS

75 spring boars, **75** open gilts by **TYPESETTER**, a son of Bold Venture and **SHOW BOAT** by Dream Boat. They are big, thick and long, with plenty of quality.
CLARENCE HOUCK GILMORE CITY, IOWA

SPOTTED POLAND CHINAS

SPOTTED POLANDS

Choice Purebred Spring Boars and Gilts, sired by "Longfellow" and "Gold Brick." All well grown, deep, heavy-hammed and long bodied. Tiffin is west of Iowa City. Reasonable.
OREN NEITDERHISAR TIFFIN, IOWA

SPOTTED POLAND SALE

AFTERNOON, OCTOBER 19

A choice offering of present day type boars and gilts, sired by a top son of Grandview Prince. Write for catalog.
ARNOLD KRAHMER FAIRMONT, MINN

TAMWORTHS

TAMWORTHS
and
YORKSHIRES

BRED GILTS . . .
OPEN GILTS . . .
and BOARS

DWAINE CLARK COLFAX, IOWA

TAMWORTH

PUREBRED TAMWORTHS have been bred for a lean meat carcass for more than **150** years. They make excellent cross on any other breed producing a smooth, fast growing, medium type cross-bred. Tamworths are tops as mothers and producers of choice lean meat and bacon. **FREE** information.
Tamworth Swine Assn., Box 189W, Hagerstown, Ind.

YORKSHIRES

SOLON HEIGHTS HOME

PUREBRED YORKSHIRES

Choice Boars and Gilts, February farrow. Sired by Lookout Valley Debs Commodore 12th. Also an excellent lot of fall pigs to choose from. My place is in town. Write or better visit.

L. M. PETERS SOLON, IOWA

PUREBRED YORKSHIRES

Canadian and local breeding. Sired by 4 great boars. Have **9.9** averaged saved per litter. Outstanding boars and gilts. Reasonable. Farm 1½ mile south.
MILO ZACH ROWLEY, IOWA

YORKSHIRE HOGS

Registered Breeding Stock of all ages for sale.
PORTERS YORKSHIRE FARM
ELDRIDGE, IOWA
8 miles north of Davenport

PRINCE EDWARD ISLAND

YORKSHIRES

Choice breeding stock for sale at all times. Write Now.
DR. W. J. HULS, 602 E. 15th, DAVENPORT, IA.

YORKSHIRE HOGS

Champion carcass over all breeders 1948 National Barrow Show. Our herd won more Championships and firsts at Illinois, Ohio and Maryland State Fairs than all others combined. Write for illustrated circular.
VALEHURST YORKSHIRE FARM, Peoria, Ill.

LAST CALL!
SELLING 100 YORKSHIRES
OCTOBER 4TH

A choice offering, including Bred Sows, Sows with Litters, Spring Boars, and Spring Gilts. Plan to attend.
MERRITT B. COOK NEMAHA, IOWA

Buffalo Valley Yorkshires

Choice fall and spring boars; also June gilts . . . cross ideally, fast and economical gains, plus better carcass. REASONABLE.
DONALD CAMPBELL OXFORD, IOWA

SHEEP

LIVESTOCK FOR SALE

Swine
Crossline Poland China Boars
Sheep
Yearling Shropshire and Hampshire Rams
Dairy Bulls
of the Ayrshire, Brown Swiss, Guernsey, Holstein and Jersey breeds

ANIMAL HUSBANDRY DEPARTMENT
Iowa State College Ames, Iowa

KEN RU FARMS

Choice Registered

CORRIEDALE RAMS AND EWES

Best breeding . . . the type, quality and merit will please. Act now.
REASONABLE

Ken & Ruth Wagner, West Liberty, Iowa

IOWA CORRIEDALE SHEEP

You want to know all about **CORRIEDALE** sheep. We have just issued a **NEW** breed Directory with a list of members and information about the breed. Write now for **FREE** copy.

Ken Wagner, Secy., West Liberty, Iowa
Iowa Corriedale Breeders Association

REGIONAL SALE

COLUMBIA SHEEP

WATERTOWN, S. D., OCT. 26th
65 Ewes — 35 Stud Rams

Choice Registered high quality Ewes and Rams at the Dakota-Minnesota Breeders Sale. **COLUMBIAS**, lead the way to more lambs . . . more wool . . . more money. **200** Rams for purebred and Commercial flocks and **140** Registered Ewes sold at following sales. **Brookings, S. D.**, Oct. 6, **Morris, Minn.**, Oct. 7, **New Rockford, N. D.**, Oct. 29. Mail bids handled in business like manner. Ask for **FREE** literature. Address

E. M. GREGORY, 701 Black Bldg., FARGO, N. D.

SUFFOLKS & LINCOLN RAMS

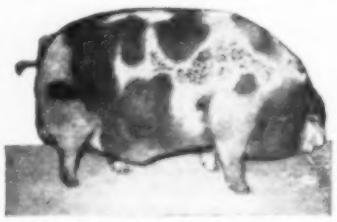
Any age for sale. More mutton, more wool. Order now. Shipment made when wanted. Write or wire.
CRANDELL'S PRIZE STOCK FARMS
ITHACA, MICH.

BUY U. S. SAVINGS BONDS NOW

QUALITY SPOTTED POLANDS

Night Sale at Fair Grounds
Starting at 7:30 P. M.

INDIANOLA, IOWA, OCTOBER 12th



BOLD VENTURE, a 3rd prize winner at 1947 Iowa State Fair. A full Brother to Gates Low Down. A wonderful Sire. 2 litters by him.

CRUSADER, a boar of modern type, with style and quality. Breeding that will please.

45 BOARS

An excellent offering selected with care from a large herd where top quality and rich breeding can be found. They are uniformly good, beautifully grown, properly fed, and ideal to make money for the new buyers. They are sired by **STYLE-BLENDER** and **DESTINATION** with two top litters by **BOLD VENTURE.** Those looking for a herd sire can find them here. Plan now to come. Ask for **FREE** illustrated catalog.

WALTER WOODYARD & SON, INDIANOLA, IOWA

One look at these will convince you that you can solve your herd boar problems here this fall at our

Spotted Poland China Sale

At the farm, 4 miles south of

HULL, IOWA

NIGHT
October 11

A Great Offering of 50 Top Boars

Our offering of last year was one of the most talked about offerings that sold. The boars selling this fall are of the same type and quality and have plenty of size. We have selected with great care from a large number of well grown boars that will please our farmer and breeder friends. New blood lines for our former customers. This good offering is sired by **THE ANCHOR**, top son of Boss; **TRADE MARK**, by Prince Charming, **FLEET-LINE**, by the famous Challenge Me, and by our sensational sire of last year, **CORNER STONE.** Make plans now to be with us the night of October 11th. They will please. Buy at your own prices. Write today for your **FREE** catalog and kindly mention this paper when doing so.

GERRIT J. KEMPERS, HULL, IOWA
Auctioneers, Ron Martin and Henry Moret

LANIGAN'S

Chester White Sale

At Dairy Cattle Congress Pavilion

WED., OCT. 12th, WATERLOO, IOWA

Night Sale

SELLING 35 BOARS AND 35 GILTS

Sired by **FOUR SQUARE** 579957 from a litter of 15, all raised. This sensational boar has sired the greatest offering I have ever produced, including my 1946 and 1947 **RECORD** sales of the entire breed. His pigs will suit both farmer and packer. Never have you seen such uniformity before. They are heavy boned, long bodied, deep, and with wonderful style and balance, and extra full hams. Buy foundation stock here with confidence. Everything double treated for cholera. All animals blood tested and **BANGS** free. A beautiful 275 lb. registered gilt given away free. Will deliver anywhere in Iowa. Don't miss this sale—be there. Write at once for **FREE** illustrated catalog and kindly mention this paper.

ROBERT LANIGAN, FAIRBANK, IOWA

The Tops from 450 Spring Pigs Selling in Our Annual

DUROC JERSEY SALE

At the farm, on Highway 75, 3 miles north of

SIOUX CENTER, IOWA

TUESDAY, OCTOBER 11th

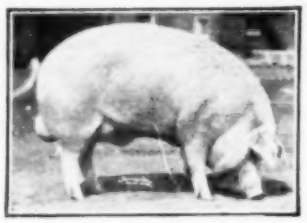
Big Rugged Boars for the Livestock Farmer

We again offer a grand selection which we have picked with great care from a large number of fast gaining, growthy spring pigs. Breeders and Farmers will be pleased with our medium type Durocs that do exceptionally well for others. This offering is well grown, of good color, and have deep, long bodies. They are sired by such boars as: **MR. BLUE PRINT**, consistent in string quality plus feeding ability, **BLENDER STYLE KING**, **IMPROVER'S LAD B.**, and **PILOT.** We will again have top boars of new blood lines for our former customers. Make your plans now to attend this sale—it will solve your boar problem. A post card will insure you of our **FREE** catalog. Kindly mention this paper when writing.

BERT BROEK & SONS, SIOUX CENTER, IOWA

A GREAT ARRAY OF TOP BREEDING

• Chester White Boar Sale •



At farm, 8½ miles northwest of

ONAWA, IOWA

SATURDAY, OCT. 15th

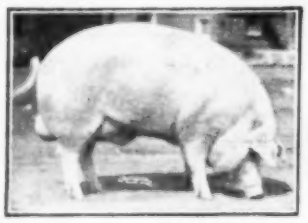
NIGHT SALE—7:30 P. M.

SIZE — QUALITY — POPULAR BLOOD LINES

The cream of our spring pig crop. 45 head sired by **RITE MODEL**, **RALEIGH** and **WILLEY'S SILVER BALANCER**, grand champion 1949 Monona County fair. We have some new blood for our old customers, as we bought a few bred sows last winter and they raised us some good litters. 2 litters by **THE DEANS BOY** and one of these sows was the grand champion at our county fair this fall; one litter by **SUPER CLIMAX**, the 1948 Iowa junior champion; one litter by **H BALANCED EXPLOITER** and one litter by the 1948 Kansas grand champion, **KANSAS TIP TOP.** This offering will be as good as the best and better than some offerings we have sold. Double treated for cholera and erysipelas. Boars will be recorded free of charge to buyers. We guarantee satisfaction on all buying orders sent to **M. T. White**, fieldman, in our care, who will attend the sale. Write at once for free catalog. Kindly mention this publication. Address

ROSS O. WILLEY & SON, ONAWA, IOWA

Madden's Chester Whites



MARYVILLE, MISSOURI
MONDAY, OCTOBER 10

NIGHT SALE—7:30 P. M.

40 HEAD — 20 BOARS, 20 GILTS

It's a pleasure to present this offering where you will be able to buy that "EXTRA GOOD" boar or gilt. They are the pick of my spring pig crop and are from good sires and dams. They are the kind that both farmers and breeders want. Mostly sired by **GOLDFINDER**, one of the greatest boars of the breed. He sired the grand champion boar at the 1949 Missouri State Fair that was sold in my last fall sale. Others sired by **ROYAL CLIMAX**, 1949 Illinois grand champion; **SAFEWAY**, 1949 Missouri grand champion and other top boars. New blood for old customers. If you want the prize winning kind, attend my sale. Write at once for free catalog. Kindly mention this paper. Address

JOSEPH MADDEN, MARYVILLE, MISSOURI

—PUREBRED—

Chester White Sale

Sale at farm, in pavilion, located on pavement, 7½ miles south on No. 218

VINTON, IOWA
TUESDAY, OCTOBER 18th

50 HIGH CLASS BOARS AND GILTS

A great offering selected from a large number, mostly sired by **ROYAL KING** by Royal Climax, 1948 Illinois Grand Champion. Others by **CHAMP JR. PERFORMER**, **FASHIONS MODEL 26**, and **TRU BALANCE.** Also sons and daughters of the **1st** and **2d** prize aged sow at 1949 Iowa State Fair and litter mate boars and gilts to 2d prize **Royal Fancy**, senior spring gilt. We have the kind that will make money for the breeders and farmers. They are the right type, with width, depth of body, feeling quality and ability to produce pork in the shortest possible time. Ask now for **FREE** catalog. Kindly mention this publication.

WALTER SCHMINKE & SON, VAN HORNE, IA.

CHESTER WHITE
Boar and Gilt Sale

Central Iowa Fair Grounds

MARSHALLTOWN, IOWA
FRIDAY, OCTOBER 7th

NIGHT SALE—STARTING AT 8:00 P. M.

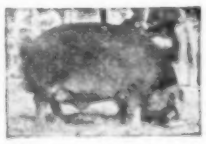
40 CHOICE PUREBREDS

BROADWAY
1947 Iowa Grand Champion

Boars and gilts, medium type, sound and smooth . . . the kind that do well in the feed lots. Included are 3rd and 5th prize boars at 1949 Iowa State Fair. Offering by **STARDUST**, no senior herd boar. Others are by **LUCKY**, **BROADWAY** and **THE PRODUCER.** Vaccinated, recorded and guaranteed. **COME!** Ask now for **FREE** catalog. Kindly mention this publication.

TED TROWBRIDGE, MARSHALLTOWN, IOWA

SHADELAND FARMS 64TH



DUROC SALE

Just north of Rock Rapids, Iowa, on the farm, 5 miles west of

LUVERNE, MINN., OCTOBER 10th

55 SPRING BOARS 20 SPRING GILTS

We are again offering a fine lot of boars and gilts in this sale. They are the kind the farmers like . . . big, heavy bone, fast growers, the kind that make pork in a hurry. They are sired by **LUCKY PROMOTER**, 1948 Minn. Grand Champion, **ROYAL DIAMOND**, the boar that has sired many State Fair champions, and **RED DUKE**, of Royal Fancy breeding and proving to be a great sire. "Not how cheap we sell them, but how well we can please you," is the motto we have maintained for over 30 years of constructive breeding. Please mention this paper when writing for **FREE** catalog.

JUHL BROS., LUVERNE, MINN.

Coming Livestock Sales

ABERDEEN ANGUS

Oct. 6—B. A. Dye Farms, Wyanet, Ill.; J. B. McCorkle, Sale Mgr., 3710 A. I. U. Bldg., Columbus, Ohio.
Oct. 8—Mercer County Breeders, Aledo, Ill.; Hugh McWhorter, Sale Mgr.
Oct. 10—Interstate Aberdeen Angus Assn. Sale, Sioux City, Iowa; P. K. Pratt, Secy. and Mgr., Walnut, Iowa.
Oct. 11—Botna Valley Breeders Assn.; sale at Atlantic, Iowa; J. E. Amdor, Mgr., Massena, Iowa.
Oct. 12—Dispersion Sale. Whittum & Herkelman, Stuart, Iowa.
Oct. 17—Dispersion Sale. Alfred Hutchinson, Denison, Iowa.
Oct. 21—H. V. Hulegard (Dispersion), Rochelle, Ill.
Nov. 7—Dispersion. C. C. Pickrell & Sons, Chariton, Iowa.
Nov. 14—Archer, Catterson and Evans; sale at Maryville, Mo.; Leo Archer, Mgr., Conception Junction, Mo.

HEREFORDS

Oct. 4-5—Sioux City, Iowa, Hereford Cattle Breeders Show and Sale; F. W. Ketelsen, Secy., Early, Iowa.
Oct. 8—J. G. Murray, Oxford Jct., Iowa.
Oct. 10—Allen & Lorren Burr, West Liberty, Iowa.
Oct. 11—Bianchi Hereford Ranch, Macon, Mo.
Oct. 12—Creston Hereford Breeders at Orient, Iowa; Lloyd H. Woods, Mgr., Creston, Iowa.
Oct. 15—Dispersion. A. M. & D. M. McDonald, Delhi, Iowa.
Oct. 22—Marion County Hereford Breeders Assn.; Walter L. Brown, Mgr., Knoxville, Iowa.
Oct. 28—Northeast Missouri Association, Memphis, Mo.; Geo. E. Leslie, Jr., Secy.
Oct. 29—Wisconsin Hereford Breeders, Madison, Wis.; Robert Graber, Mgr., Mineral Point, Wis.
Nov. 26—Dan and Earl Schubert, Papillion, Neb.; sale at Sioux City, Iowa.

POLLED HEREFORDS

Sept. 26—Dispersion. Chas. Hart & Son, Conway, Iowa; sale at Lenox, Iowa.
Oct. 13—Worner Hereford Farms, San Jose, Ill.
Oct. 26—Hervale Farms, Leland W. Herman, Wayne, Neb.

SHORTHORNS

Oct. 1—Swanson Bros., Estherville, Iowa; Merv Aegerter, Sale Mgr., Seward, Neb.
Oct. 3—Northwest Missouri Breeders, Rockport, Mo.; James Meyer, Mgr., Maryville, Mo.
Oct. 7—Breeders Sale, Abingdon, Ill.; Hal Longley, Mgr., 16 S. Locust St., Aurora, Ill.
Oct. 12—Fred Rothlisberger & Son, Elgin, Iowa; S. Davis & Son, Wadena, Iowa, and Ted Whitford & Son, Volga, Iowa.
Oct. 19—American Royal Sale, Kansas City, Mo.
Oct. 25—Eastern Iowa Breeders, Cedar Rapids, Iowa; Albert J. Hamann, Mgr., Rock Rapids, Ia.
Oct. 26—Carl Retzlaff, Walton, Neb.; Merv Aegerter, Sale Mgr., Seward, Neb.
Nov. 12—Central States Sale, Oskaloosa, Iowa; C. F. Stewart, Mgr., Rose Hill, Iowa.
Dec. 2—W. P. Lorenzen, Pilot Mound, Iowa; sale at Ogden, Iowa; Merv. Aegerter, Sale Mgr., Seward, Neb.

4-H SHORTHORN STEERS, HEIFERS

Oct. 8—Otto Thiede & Sons, Burton, Neb.; sale at Cherokee, Iowa.

POLLED SHORTHORNS

Oct. 4—Sioux Empire Show and Sale, Sioux Falls, S. D.; John F. White, Mgr.
Oct. 5—Iowa Polled Shorthorn Club, Inc., Show and Sale, Des Moines, Iowa; Earl S. Girton, Mgr., Box 282, Marshalltown, Iowa.
Oct. 6—Albert Hultine & Sons' 50th Anniversary Sale, Saronville, Neb.; sale at Lincoln, Neb.; Merv F. Aegerter, Sale Mgr., Seward, Neb.
Oct. 24—Missouri State Sale, Sedalia, Mo.; Rollo Singleton, Secy., Jefferson City, Mo.

MILKING SHORTHORNS

Oct. 15—Dispersion. Roy L. Waterhouse, Stanley, Iowa; sale at Mason City, Iowa; Roy A. Cook, Sale Mgr., Independence, Iowa.
Oct. 19—Minnesota State Sale, Mankato, Minn.; R. E. Hodson, Secy., Waseca, Minn.
Oct. 20—Sheldon, Iowa. W. E. Kruckeberg Dispersion, Chariton, Iowa, and Consignment Sale; Walter Kruse, Sale Mgr., Sheldon, Iowa.

DAIRY CATTLE

Oct. 1—Donald Somers (Holstein Dispersion), Faribault, Minn.; G. R. Melin, Sale Mgr., 4529 Bryant Ave. S., Minneapolis, Minn.
Oct. 10—Olmsted County Holstein Sale, Rochester, Minn.; Minnesota Sales Co., Rochester, Minn.
Oct. 12—Southeastern Iowa Holstein Breeders, Wellman, Iowa; D. G. Yoder, Mgr., Kalona, Ia.
Oct. 13—Iowa Ayrshire Breeders Assn., Waterloo, Iowa; Richard M. Sears, Sale Mgr., Grinnell, Iowa.
Oct. 17—Iowa Holstein State Sale, Waterloo, Iowa; Dallis V. McGinnis, Secy., 912 Waterloo Bldg.
Oct. 20—Southeast Iowa Ayrshire Club, Wellman, Iowa; Lyle F. Yoder, Mgr., Kalona, Iowa.
Oct. 24—Alfred Paper (Holstein Dispersion), Stockton, Iowa; sale at Davenport, Iowa; A. W. Peterson, Sale Mgr., Oconomowoc, Wis.
Oct. 28—Merry Acres Jersey Dispersion, O. T. Wilson, Mt. Pleasant, Iowa; Ivan N. Gates, Sale Mgr., West Liberty, Iowa.
Oct. 31-Nov. 1—Maytag Farms, Newton, Iowa; Dispersion Sale at Des Moines, Iowa; A. W. Peterson, Sale Mgr., Oconomowoc, Wis.
Nov. 5—City View Farm (Ayrshire Dispersion), Frost Bros., Waterloo, Iowa.

FEEDER CALVES

Oct. 3—Herefords, Unionville, Mo.—Don C. Pollock, Mgr., Unionville, Mo.
Oct. 4-5—Angus, Unionville, Mo.—Don C. Pollock, Mgr., Unionville, Mo.
Oct. 6—Angus, Bethany, Mo.—D. D. Johnson, Mgr., Bethany, Mo.
Oct. 6—Herefords, Bethany, Mo.—D. D. Johnson, Mgr., Bethany, Mo.
Oct. 7—Angus, Milan, Mo.; Sam Rowe, Mgr., Milan, Mo.
Oct. 7—Herefords, Milan, Mo.—Sam Rowe, Mgr., Milan, Mo.
Oct. 8—Angus, Princeton, Mo.—Raymond Carroll, Princeton, Mo.
Oct. 8—Herefords, Princeton, Mo. — Raymond Carroll, Mgr., Princeton, Mo.
Oct. 10—Central Missouri Sales, Fayette, Mo.
Oct. 11—Central Missouri Sales, Columbia, Mo.
Oct. 13—Central Missouri Sales, Montgomery City, Mo.

BERKSHIRES

Oct. 17—Milo Wolrab, Mt. Vernon, Iowa.
Nov. 8—Iowa Berkshire Breeders, Spencer, Iowa; Alex Conover, Sale Mgr., Holstein, Iowa.

CHESTER WHITES

Oct. 1—A. L. Bilme & Son, Lake Mills, Iowa.
Oct. 3—Nick Terpstra & Sons, New Sharon, Iowa.
Oct. 7—Night Sale. Ted Trowbridge, Marshalltown, Iowa.
Oct. 10—Night Sale. Joe Madden, Maryville, Mo.
Oct. 12—Night Sale at Waterloo, Iowa. Robert Lankam, Fairbank, Iowa.
Oct. 14—Night Sale. McBride Farms, Panora, Iowa.
Oct. 14—E. A. Riemenschneider, Kingsley, Iowa.
Oct. 15—Night Sale. Ross O. Willey & Son, Albia, Iowa.
Oct. 18—Night Sale at Waverly, Iowa. A. H. Peterson, Waterloo, Iowa.
Oct. 18—Walter Schminke & Son, Van Horne, Iowa.
Oct. 21—C. T. Keen & Sons, Legrand, Iowa.
Oct. 21—Night Sale. Wills & Vust, Sibley, Iowa.

DUROC JERSEYS

Oct. 1—White Cap Farms, Verl Ringgenberg, Mgr., Box 501, Storm Lake, Iowa.
Oct. 3—Night Sale. Carl Helmer, Goldfield, Ia.
Oct. 3—Night Sale. Pearson Stock Farm, Radcliffe, Iowa.
Oct. 4—Klein & Neubauer, Iowa Falls, Iowa.
Oct. 5—Gregor F. Vaske & Sons, Dyersville, Iowa.

LIVESTOCK FIELDMEN

M. T. WHITE, 604 No. Fortieth St., Omaha, Nebraska. Phone Walnut 1056.
J. E. HALSEY, 1912 Grand Ave., Des Moines.
M. W. BONEY, Box 740, Storm Lake, Iowa; Phone 970-R.

We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

Around the Farm AND IN THE Feed Lot

by E. A. KELLOWAY

THIS IS THE MONTH when the corn harvest gets into full swing. With another near-record crop of the golden grain on hand, and with more mechanical pickers than ever before, a word of caution is again in order. Safe operation of the pickers calls for stopping the machine if it becomes clogged, keeping guards in place, watching out for fires, wearing good-fitting clothes and gloves, and ALWAYS stopping the picker before oiling or making other adjustments.

CORN IS NOT the only big crop to be considered this fall. Late reports from the Department of Agriculture show that the largest peacetime turkey production on record is the story for this fall and winter. Better than 41 million turkeys are being produced this year, a 29 per cent increase over 1948. Looks like there will be an ample supply of light and dark meat for our dinner tables come Thanksgiving and Christmas time.

HOG PRICES will be supported through March 31, 1950, by a 90 per cent price support floor, but the method of maintaining that support has been changed this past month. The change is from weekly support levels for individual markets to a United States average farm price for hogs at monthly support levels. This amounts to an average or pooled level from seven of the large midwestern markets. Guide figures to be used in helping to determine the amount of the support levels will be announced each week.

NOW THAT COLD weather is upon us, livestock needs special attention—not only in housing but also in feeds. It is always a pretty good plan to keep an outstanding mineral, such as Walnut Grove, in front of your livestock all winter. It aids in digestion and helps keep your animals thrifty. Some of our customers in Muscatine county who believe in consistent feeding of Walnut Grove include Elmer Burk, Nick Schmitt, Henry Sywassink, Robert Einfeldt, Tom Grings, Alfred Hoeksems and Roger Kretchmer. This business is looked after for us by our salesman in that territory, Henry Sissel, of Muscatine.

DAIRY CATTLE shows are taking the limelight this month. The annual Waterloo Dairy Cattle Congress is in progress now, and will feature the selection of a Dairy Industry Queen, the state 4-H dairy show and a huge exposition of all breeds of dairy cattle, as well as machinery and dogs and horses. A little later in the month, an International Dairy Show is to be held at Indianapolis, Indiana.

SPEAKING about livestock shows, there have been two exhibitions this past month that have been of widespread interest, even though they have not been big in terms of numbers of exhibitors or animals. One was the Boys' Town Royal Livestock Show, at Father Flanagan's famous home for boys, thus giving the Boys' Town youngsters interesting and valuable experience with livestock. The other very unique exhibit was at the Woodward State Hospital, where patients displayed livestock, garden products, horsemanship, sewing and other skills of real help to them.

RECENT USDA records show American farmers have handled their good incomes of recent years in a very businesslike manner. At the end of 1948, the USDA found the average farmer had two dollars cash for each dollar of debt, whereas, in 1939, he had only 50 cents cash for every dollar in debts or mortgages. In the first five years of the current decade, the nation's farm mortgage debt was reduced 29 per cent. Since 1945, mortgage debts have risen only 9 per cent, as against an advance of 45 per cent following World War I.

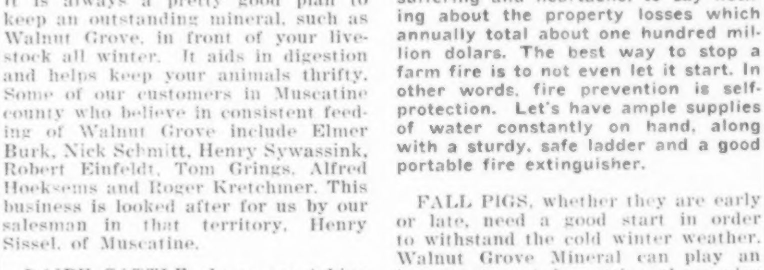
WITH THE NEW corn season here, it's important to remember that, while livestock likes new corn, caution must be used in feeding it, so as to avert digestive disturbances. We suggest that you don't turn hogs into late corn fields without having them well used to new corn. Always be sure hogs in corn fields come in for shelter at night, even if you must go out and get them.

MOST IMPORTANT thing about any feed is that it is palatable. If it is not so made that livestock will relish and enjoy it, they will not eat enough to supply their needs. Walnut Grove has always been palatable, and will always continue to be, and it will fit into any feed plan. Among our many customers in Calhoun county, Iowa, who feed Walnut Grove consistently, are Arthur Carlson, J. Ed. Williams, Fred Rankens, F. E. Lake, Alfred Meyer, Tom Gregg and S. D. Gorley. These men secure Walnut Grove service through our salesman, Clarence Strain, of Lytton.

FIRE PREVENTION Week is nearly here, so it's well to remember that action taken to eliminate fire hazards could save the nation's farmers untold suffering and heartache, to say nothing about the property losses which annually total about one hundred million dolars. The best way to stop a farm fire is to not even let it start. In other words, fire prevention is self-protection. Let's have ample supplies of water constantly on hand, along with a sturdy, safe ladder and a good portable fire extinguisher.

FALL PIGS, whether they are early or late, need a good start in order to withstand the cold winter weather. Walnut Grove Mineral can play an important part in getting these pigs started off right, and it can be fed any way a man desires to feed it, free choice or mixed with feeds. Across the Mississippi river, in the edge of Illinois, in Hancock county, to be exact, Walnut Grove has become one of the prominent feeds in that territory. Among our many customers there who use it in their feeding plans we find Marshall Frakes, Alfred Wear, Huey Seed Company, Edward Radel and Rex Radel, brothers on two farms, Ed Rinehardt, and Lee Stewart. Our representative in this territory is John Atkins, of Carthage, Illinois.

WITH SO MUCH CORN and other grain in storage or about to go into storage, we must remember the rat problem now prevailing on so many farms. Zoologists say rats cause many millions of dollars' loss each year. Elimination of hiding places, such as old lumber stacks, will help a lot in reducing the rat population. Pre-baiting and poisoning are other necessary steps in disposing of Mr. Rat.



Coming Livestock Sales

(CONTINUED)

DUROC JERSEYS (Continued)

Oct. 6—A. B. Thomas & Son, Iowa City, Iowa.
Oct. 7—Harold C. Timm, Muscatine, Iowa.
Oct. 8—Knotek Bros., Riverside, Iowa.
Oct. 10—Juhl Bros., Luverne, Minn.
Oct. 10—Robert Bastow, Mt. Ayr, Iowa.
Oct. 11—Bert Brock & Sons, Sioux Center, Iowa.
Oct. 14—Night Sale. E. R. LaRue, Dows, Iowa.
Oct. 18—Night Sale. Iowa Falls Duroc Assn., Iowa Falls, Iowa; Duane L. Blake, Mgr.
Oct. 19—Bert Miller, Lisbon, Iowa.
Oct. 20—W. H. Helmke & Sons, Renwick, Iowa.
Oct. 22—Night Sale. S. C. Schrage, Eagle Grove, Iowa.

HAMPSHIRES

Oct. 3—Night Sale. Allen Lang & Son, Brooklyn, Iowa.
Oct. 5—Orben Schoff, Lost Nation, Iowa.
Oct. 8—Emery Riemenschneider, Pierson, Iowa.
Oct. 10—O. W. Jones & Son, Ute, Iowa.
Oct. 10—Night Sale. Franz Bros., Grand Junction, Iowa.
Oct. 11—Night Sale. Lettow Bros., Alden, Iowa.
Oct. 12—Night Sale. Dale McGraw, Pleasantville, Iowa.
Oct. 14—Raymond Daggitt, Conrad, Iowa, and Howard Suerholtz & Son, Melbourne, Iowa; sale at Marshalltown, Iowa.
Oct. 18—Night Sale. George Lorenz, Wells, Minn.
Oct. 19—Fred Michaelson, Ida Grove, Iowa.
Oct. 28—Night Sale. Maurice Weitz, Webster City, Iowa.
Oct. 29—Night Sale. Cecil Wilson, Lennox, Iowa.
Oct. 31—Night Sale. Matt Locatis & Sons, Fort Dodge, Iowa.

HEREFORD HOGS

Oct. 11—National Show and Sale, Marshalltown, Iowa; Harris Sellers, Jr., Secy., Chariton, Iowa.
Oct. 13—Night Sale. Sellers Bros., Chariton, Ia.

MINNESOTA NO. 1

Oct. 12—L. E. Dailey & Son, Pipestone, Minn.
Oct. 13—Night Sale. Clarence B. Hildebrand, Woodstock, Iowa.

POLAND CHINAS

Oct. 6—Night Sale. Vernon Kvale, Beaver Creek, Minn.
Oct. 7—Helgens Bros., Monticello, Iowa.
Oct. 11—Eugene Dugan, Storm Lake, Iowa.
Oct. 11—Night Sale. K. L. Burg, Ruthven, Iowa.
Oct. 11—Leo Hay, Anamosa, Iowa, and Edw. C. Forest & Sons, Mt. Vernon, Iowa; sale at Mt. Vernon, Iowa.
Oct. 12—Night Sale. Brown & Brown, Hampton, Iowa.
Oct. 12—Night Sale. Walter H. Busse, Oakland, Iowa.
Oct. 14—Alfred M. Paper, Stockton, Iowa.
Oct. 18—Night Sale. J. H. Aultfather & Son, Austin, Minn.
Oct. 24—Night Sale. Louis H. Reilly, Lone Rock, Iowa; sale at Algona, Iowa.
Oct. 26—Night Sale. F. L. McKay, Ida Grove, Iowa.
Oct. 29—L. R. McClarnon, Braddyville, Iowa.

SPOTTED POLAND CHINAS

Oct. 1—Night Sale. I. C. Lister & Sons, Bloomfield, Iowa.
Oct. 3—John Claussen & Son, R. 3, Davenport, Iowa.
Oct. 3—Julius F. Roths, Rock Rapids, Iowa.
Oct. 4—R. V. Bunting & Son, Corning, Iowa.
Oct. 6—F. L. Jackson & Sons, Lytton, Iowa; sale at Sac City, Iowa.
Oct. 7—Night Sale. Karl E. Carlson, Lakefield, Minn.; sale at Spencer, Iowa.
Oct. 8—Albert Kremer, Lake Lillian, Minn.
Oct. 10—Night Sale at Edgerton, Minn. A. Lopau & Sons, Pipestone, Minn.
Oct. 11—Earl Kellogg & Sons, Winfield, Iowa.
Oct. 11—Night Sale. Gerritt Kempers & Son, Hull, Iowa.
Oct. 12—A. J. Anderson & Sons, Kellogg, Iowa.
Oct. 12—Night Sale. Walter Woodyard & Son, Indianola, Iowa.
Oct. 14—Lyle Stoaks, Conway, Iowa; sale at Lenox, Iowa.
Oct. 15—Night Sale. Norris Voge, Walnut, Iowa.
Oct. 17—Night Sale. Leland B. Dellinger, Shell Rock, Iowa; sale at Waverly, Iowa.
Oct. 18—Ben C. & Maurice Fitzer, Luverne, Minn.
Oct. 18—Night Sale. Fred Goodchild & Sons, Mallard, Iowa.
Oct. 18—Night Sale. Harvey C. Larsen, Elk Horn, Iowa; sale at Harlan, Iowa.
Oct. 19—Night Sale. Fitzgerald Bros., Boone, Ia.
Oct. 19—Night Sale at Algona, Iowa. Walter M. Wellhoefter, Stratford, Wis.
Oct. 19—Arnold Krahmer, Fairmont, Minn.
Oct. 21—Night Sale. Clifford Pitstick, Jolley, Iowa; sale at Sac City, Iowa.
Oct. 24—Night Sale at Sibley, Iowa. Kenneth R. Dingel, Ocheyedan, Iowa.
Oct. 25—Night Sale. Norris Voge, Walnut, Iowa; sale at Harlan, Iowa.
Oct. 26—Night Sale. McElroy Bros., Afton, Iowa.
Oct. 26—Alvin Sunderman & Sons, Clarinda, Iowa.
Oct. 28—Night Sale. Sydes & Lein, Graettinger, Iowa.
Nov. 9—Arthur Bailey & Sons, West Liberty, Iowa.
Nov. 10—Night Sale. R. A. Faber & Sons, Moravia, Iowa.

YORKSHIRES

Oct. 1—Night Sale. Yalehurst Farm, Peoria, Ill.
Oct. 4—Merritt B. Cook, Nemaha, Iowa.
Oct. 7-8—National Yorkshire Show and Sale, Davenport, Iowa; American Yorkshire Club, Mgrs., Wallace Bldg., Lafayette, Ind.

BELGIAN HORSES

Oct. 17—Alfred Hutchinson, Denison, Iowa.

SHEEP

Oct. 26—Dakota-Minnesota Breeders Assn. (Columbias), Watertown, S. D.; E. M. Gregory, Mgr., 701 Black Bldg., Fargo, N. D.

Livestock News

High spot in the R. J. Teachout Angus dispersion sale at Shenandoah, Iowa, September 7, was purchase of R. L. S. Prince Eric 15th, four-year-old Teachout herd sire, by Alvin Sunderman, of Clarinda, Iowa, for $2,600.

Strong demand for Prince Eric's sons, one of which sold in the Sunderman sale the day before for $2,650, caused spirited bidding for the old bull.

Other Teachout bulls went to Clifford Clark, Rea, Mo., at $500, and to Lloyd Davis, Villisca, Iowa, at $400. Seven bulls brought an average of $650.

Tops for females were two sold to Marycrest Farms, Maloy, Iowa, for $1,025 and $1,000. A $700 price was paid by Richard Teachout, Shenandoah, and O. B. Tokle, Grinnell, Iowa. The 27 cows and heifers in the sale made an average of $439.

Roy Johnston and Ray Sims were the auctioneers.

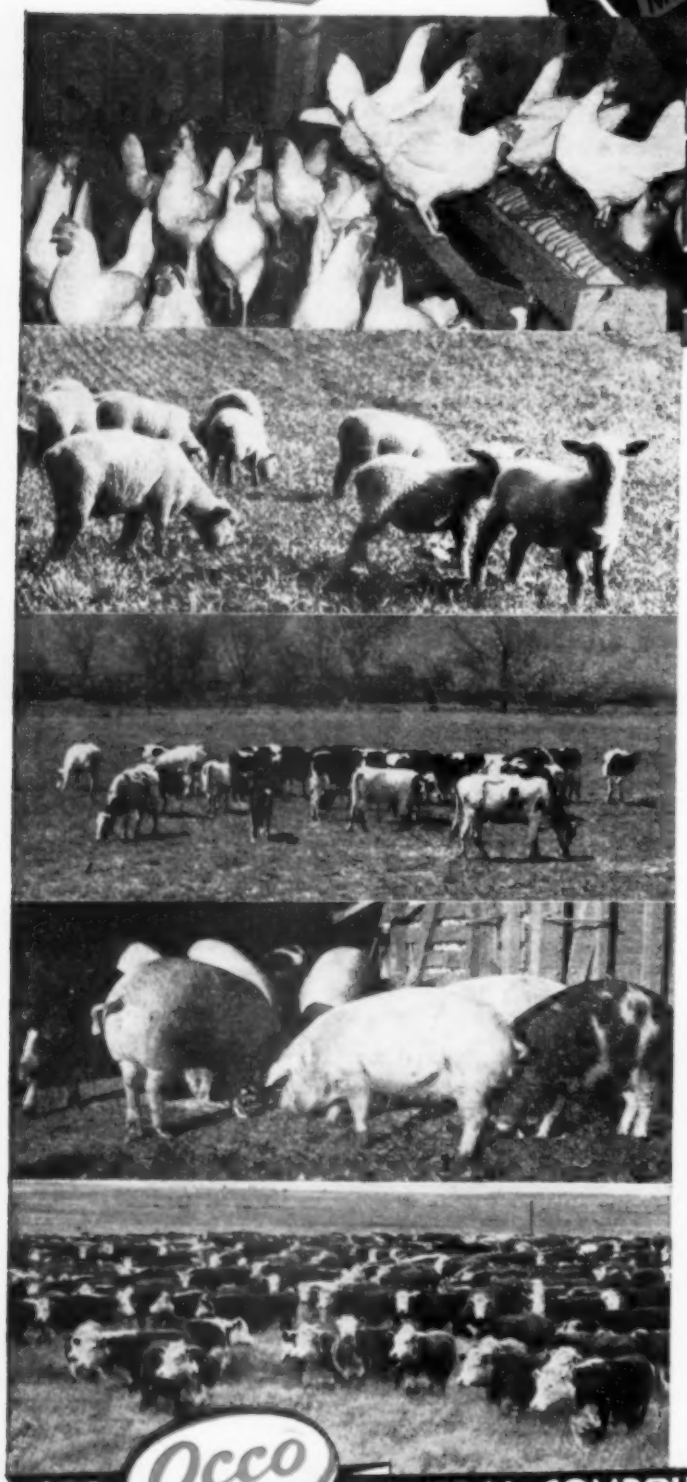
Buyers from Iowa and Missouri paid an average of $255 for 36 head of Shorthorns at the dispersion sale of the late Ray D. Nickle's herd, at Bedford, Iowa, September 13. Coming right off grass, with no extra fitting, 29 females brought a $263 average, and seven bulls averaged $221.

L. Norris Brown, of Skidmore, Mo., paid top price of $410 for Augusta of Pine Ridge 2d. High bull price was the $325 paid by Roll Olney, Maloy, Iowa, for one of the Nickle herd sires, Ransom of Pine Ridge. The sale was cried by J. E. Halsey.

GIVE THEM A BETTER CHANCE THIS WINTER

FEED Occo MINERAL COMPOUND NOW!

The Fall of the year is an important transition period for your farm animals.



It means the moving from succulent Summer pastures to a heavier ration. This is the time when special consideration should be given to feeding programs. Occo Mineral Compound and Occo-Lak added to rations now helps your herds and flocks get a "running start" on that wintertime menace, Mineral Starvation.

By helping provide a mineral-balanced diet now, Occo Mineral Compound and Occo-Lak aids your animals in building up their body reserve of minerals . . . reserves that are needed to promote good general health . . . for fast, thrifty growth . . . and for increasing the output of milk, eggs and wool.

Start adding Occo Mineral Compound and Occo-Lak to rations NOW and give your livestock and poultry a better chance this winter. The regular use of Occo is extremely small because only a little Occo is needed to help bring that important mineral balance to rations.

See your nearby Occo Service Man and find out how easy and economical it is to fortify rations with Occo Mineral Compound and Occo-Lak . . . or, if you prefer, write us direct for this information.

Tune In

OCCO NEWSTIME, WMT, Cedar Rapids, 7-7:15 a.m., Mon-Wed-Fri; WNAX, Yankton, 7-7:15 a.m., Tues-Thurs-Sat; WHO OCCO FARM NEWS, Des Moines, 12-12:15 p.m., Tues-Thurs. Also OCCO SERVICE MAN'S "BREAKFAST CALL," (with Bob Atcher), WLS, Chicago, 7:15-7:30 a.m., Mon-Wed-Fri.

ADD Occo MINERAL COMPOUND TO LIVESTOCK AND POULTRY RATIONS

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